

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099286.D
 Acq On : 10 Oct 2017 2:56
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 04:45:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109892	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	448544	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	193763	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	297388	20.00	ng	0.00
75) Chrysene-d12	14.03	240	193773	20.00	ng	0.00
86) Perylene-d12	15.50	264	201560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	537849	77.91	ng	0.00
7) Phenol-d6	6.50	99	666322	78.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	542632	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122545	77.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1017213	87.64	ng	0.00
78) Terphenyl-d14	12.97	244	701797	82.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	116258	35.26	ng	93
3) Pyridine	3.40	79	319582	35.83	ng	94
4) n-Nitrosodimethylamine	3.36	42	119173	31.50	ng	81
6) Aniline	6.53	93	428591	37.29	ng	96
8) 2-Chlorophenol	6.65	128	309650	39.61	ng	97
9) Benzaldehyde	6.42	77	166930	33.79	ng	91
10) Phenol	6.52	94	384353	40.36	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	281253	37.99	ng	96
12) 1,3-Dichlorobenzene	6.80	146	330628	40.38	ng	97
13) 1,4-Dichlorobenzene	6.88	146	331142	39.75	ng	99
14) 1,2-Dichlorobenzene	7.04	146	310685	40.37	ng	97
15) Benzyl Alcohol	7.01	79	221310	35.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	381128	33.04	ng	95
17) 2-Methylphenol	7.12	107	243072	38.00	ng	98
18) Hexachloroethane	7.37	117	107614	35.94	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	185869	34.19	ng	93
20) 3+4-Methylphenols	7.27	107	293508	36.27	ng	# 74
22) Acetophenone	7.28	105	398073	36.63	ng	# 95
24) Nitrobenzene	7.45	77	297368	37.48	ng	96
25) Isophorone	7.69	82	527137	36.45	ng	99
26) 2-Nitrophenol	7.77	139	164765	43.18	ng	# 82
27) 2,4-Dimethylphenol	7.80	122	258982	35.94	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	341155	37.86	ng	99
29) 2,4-Dichlorophenol	8.00	162	248920	40.24	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	257254	41.58	ng	99
31) Naphthalene	8.17	128	828876	39.35	ng	99
32) Benzoic acid	7.93	122	117004	19.77	ng	94
33) 4-Chloroaniline	8.22	127	347889	39.54	ng	95
34) Hexachlorobutadiene	8.28	225	132316	41.52	ng	97
35) Caprolactam	8.60	113	76288	38.44	ng	# 87
36) 4-Chloro-3-methylphenol	8.70	107	262738	37.79	ng	97
37) 2-Methylnaphthalene	8.86	142	540884	39.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	250592	43.37	ng	98
40) Hexachlorocyclopentadiene	9.01	237	19139	7.25	ng	99

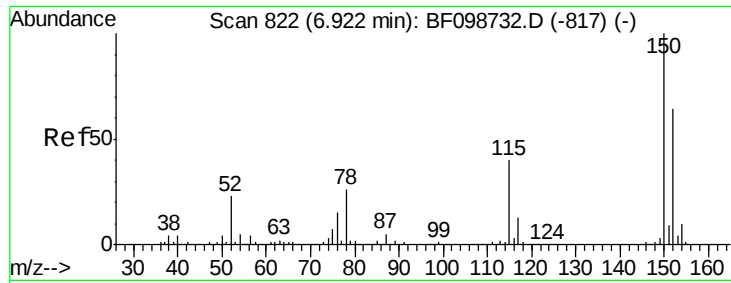
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	164456	40.17	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	163950	40.12	nq	96
45) 1,1'-Biphenyl	9.33	154	694183	41.69	nq	98
46) 2-Chloronaphthalene	9.35	162	517632	41.40	nq	96
47) 2-Nitroaniline	9.45	65	145547	38.02	nq	90
48) Acenaphthylene	9.77	152	770826	40.27	nq	100
49) Dimethylphthalate	9.62	163	618552	42.30	nq	100
50) 2,6-Dinitrotoluene	9.69	165	133803	42.03	nq	# 83
51) Acenaphthene	9.94	154	450645	37.17	nq	99
52) 3-Nitroaniline	9.86	138	152356	41.04	nq	92
53) 2,4-Dinitrophenol	9.97	184	9358	11.06	nq	98
54) Dibenzofuran	10.11	168	637571	39.49	nq	99
55) 4-Nitrophenol	10.02	139	88895	28.32	nq	85
56) 2,4-Dinitrotoluene	10.10	165	165711	40.10	nq	# 84
57) Fluorene	10.45	166	520638	40.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	101348	35.90	nq	97
59) Diethylphthalate	10.32	149	570125	39.90	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	237708	40.78	nq	98
61) 4-Nitroaniline	10.47	138	145197	40.54	nq	86
62) Azobenzene	10.60	77	456184	34.72	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	26315	14.54	nq	82
65) n-Nitrosodiphenylamine	10.56	169	465822	45.21	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	133766	45.95	nq	# 89
67) Hexachlorobenzene	11.00	284	135327	43.53	nq	98
68) Atrazine	11.09	200	137472	44.35	nq	98
69) Pentachlorophenol	11.19	266	53844	27.83	nq	98
70) Phenanthrene	11.42	178	644378	40.48	nq	99
71) Anthracene	11.47	178	651465	40.00	nq	99
72) Carbazole	11.62	167	611321	38.33	nq	99
73) Di-n-butylphthalate	11.94	149	801198	41.73	nq	99
74) Fluoranthene	12.60	202	558815	34.67	nq	96
76) Benzidine	12.72	184	282135	39.37	nq	99
77) Pyrene	12.83	202	559496	37.87	nq	99
79) Butylbenzylphthalate	13.44	149	261493	37.66	nq	94
80) Benzo(a)anthracene	14.02	228	468526	39.93	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	177165	41.19	nq	99
82) Chrysene	14.06	228	458052	41.00	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	353846	37.01	nq	# 99
84) Di-n-octyl phthalate	14.60	149	613049	39.82	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	431718	48.31	nq	97
87) Benzo(b)fluoranthene	15.07	252	475451	38.37	nq	97
88) Benzo(k)fluoranthene	15.10	252	483447	39.50	nq	99
89) Benzo(a)pyrene	15.44	252	454735	39.97	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	367621	40.38	nq	97
91) Benzo(g,h,i)perylene	17.45	276	336593	37.40	nq	97

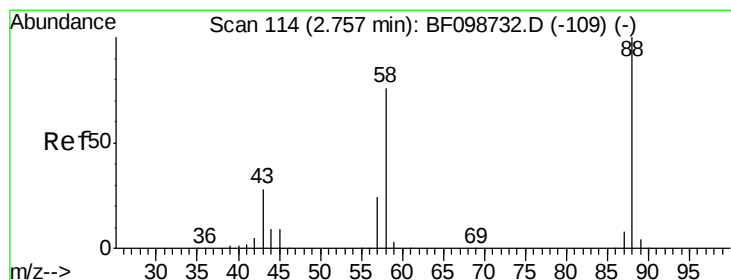
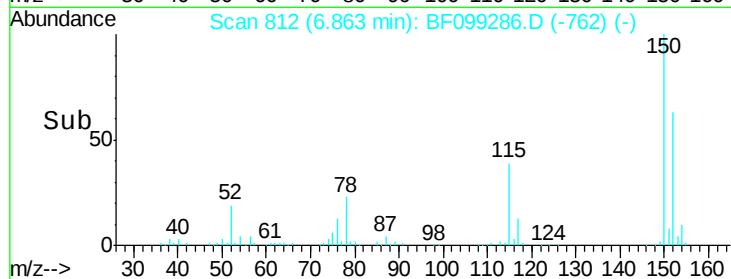
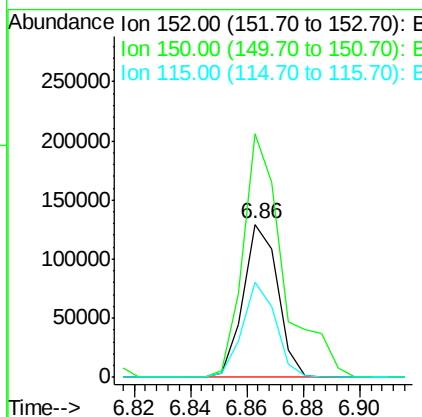
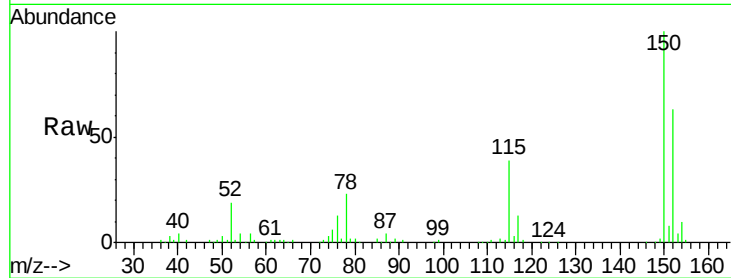
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

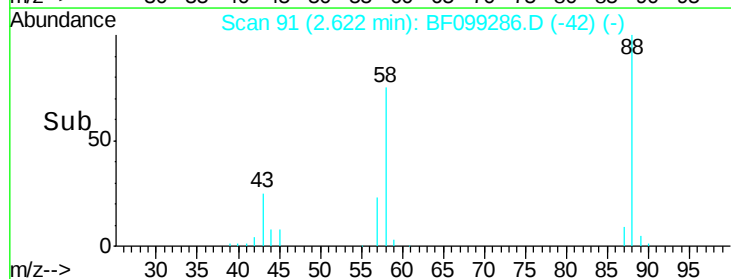
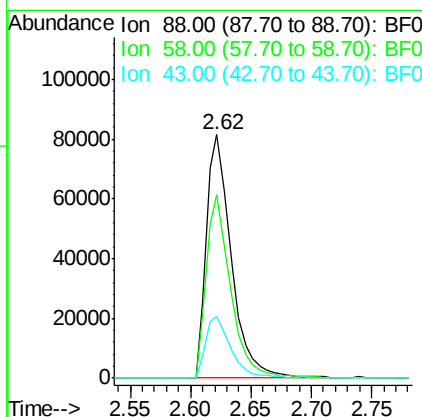
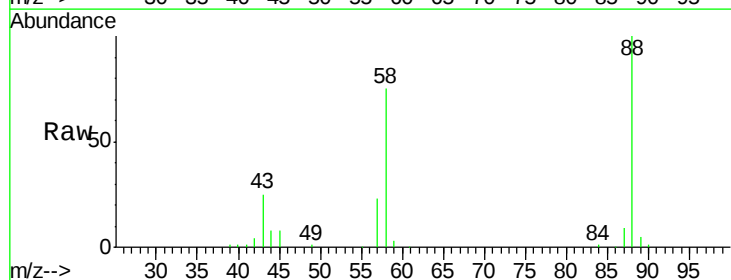
Instrument :
 BNA_F
 ClientSampled :

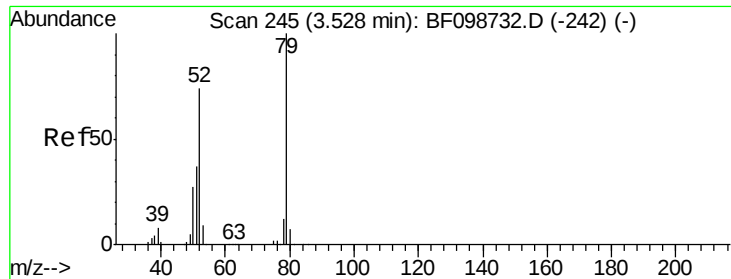
Tot Ion:152 Resp: 109892
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 62.3 50.1 75.1



#2
 1,4-Dioxane
 Concen: 35.26 ng
 RT: 2.62 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion: 88 Resp: 116258
 Ion Ratio Lower Upper
 88 100
 58 73.6 62.6 93.8
 43 25.4 24.6 37.0





#3

Pvridine

Concen: 35.83 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampled :

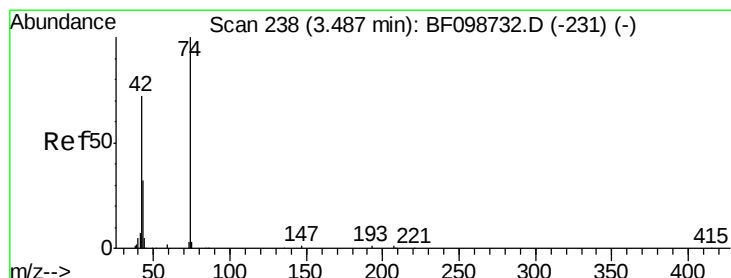
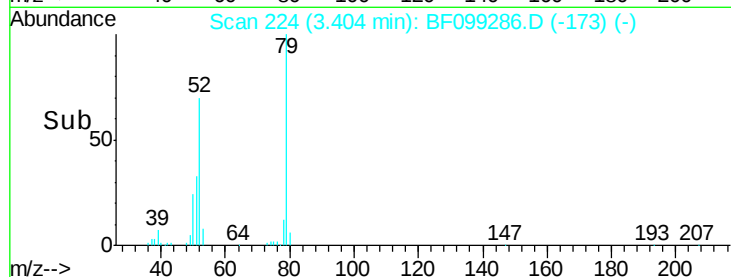
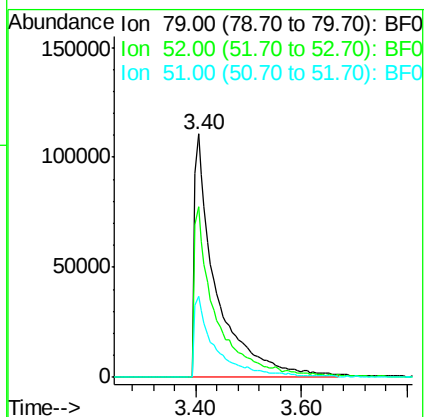
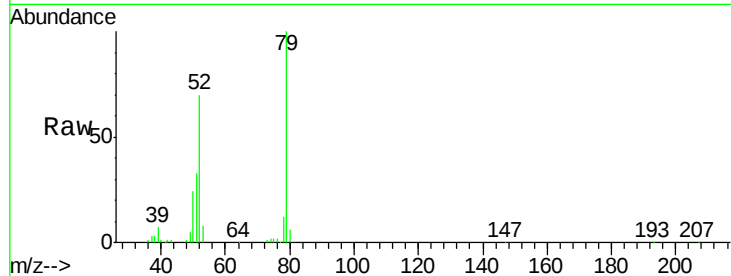
Tot Ion: 79 Resp: 319582

Ion Ratio Lower Upper

79 100

52 70.3 59.8 89.6

51 33.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.50 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

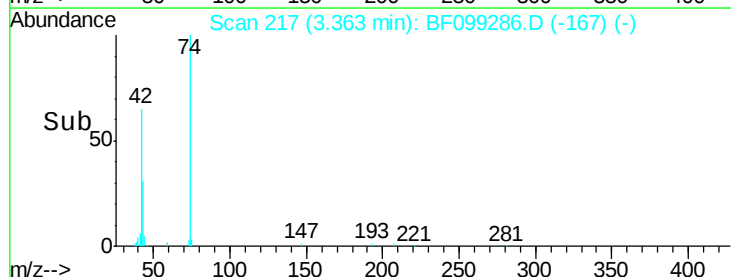
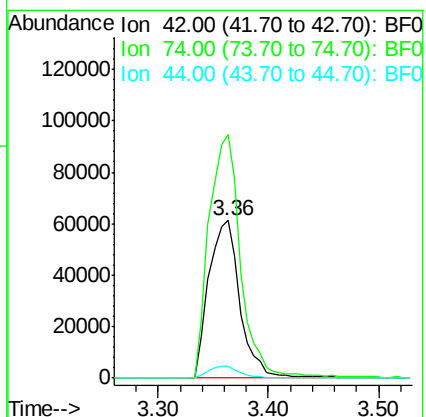
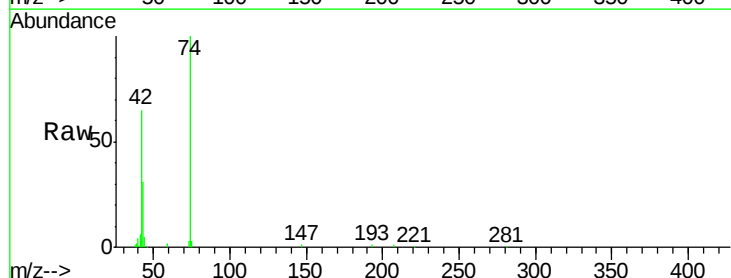
Tgt Ion: 42 Resp: 119173

Ion Ratio Lower Upper

42 100

74 154.6 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 77.91 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

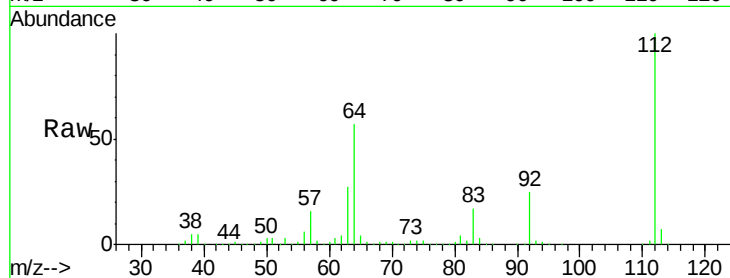
Tot Ion: 112 Resp: 537849

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

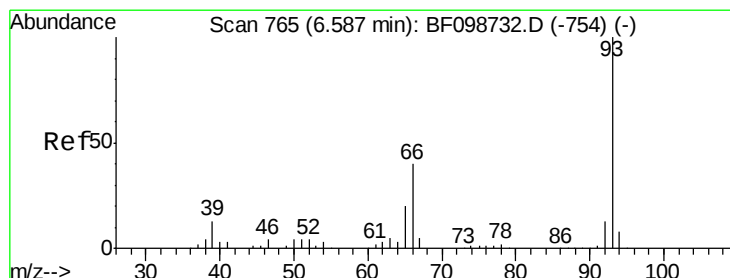
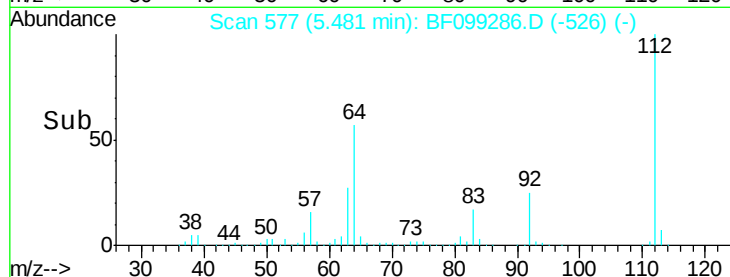
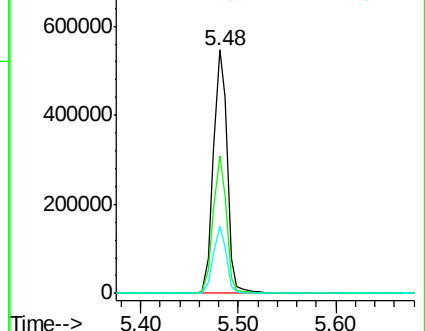
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.29 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

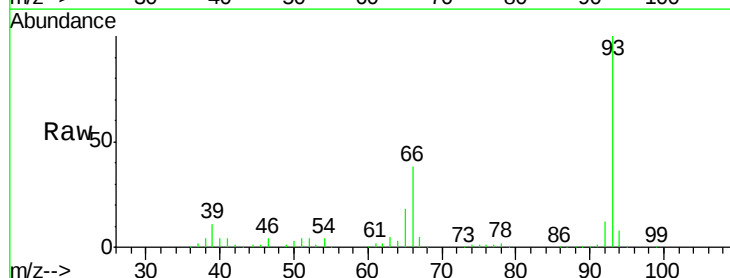
Tgt Ion: 93 Resp: 428591

Ion Ratio Lower Upper

93 100

66 38.1 32.2 48.2

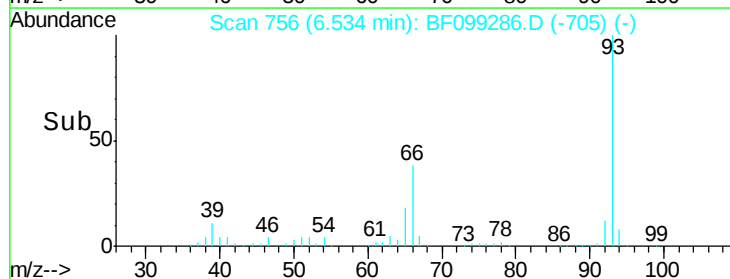
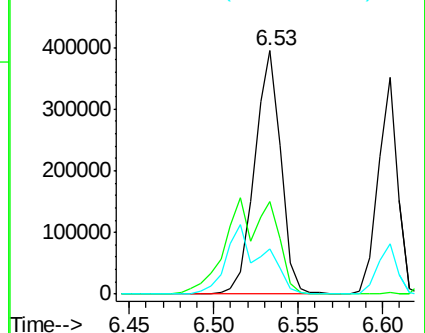
65 18.4 16.4 24.6

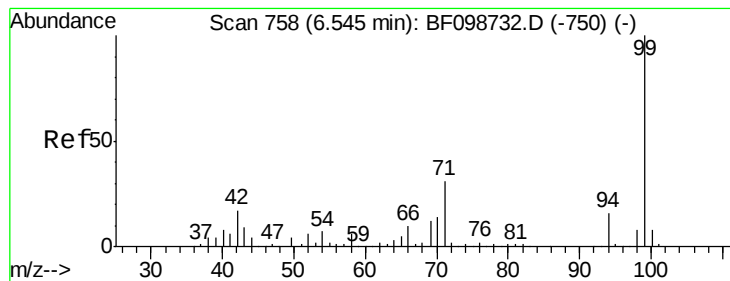


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.24 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

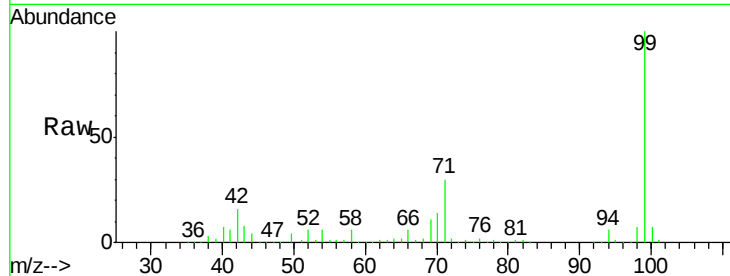
Tot Ion: 99 Resp: 666322

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

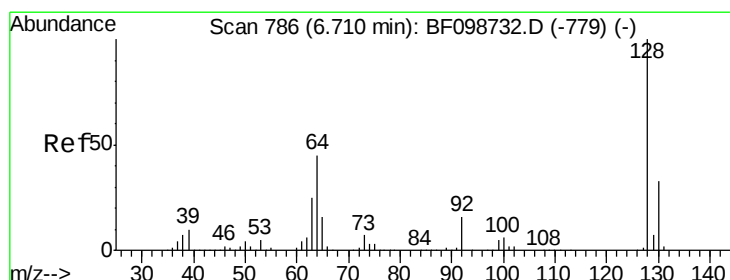
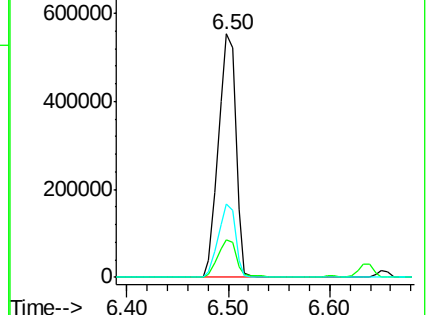
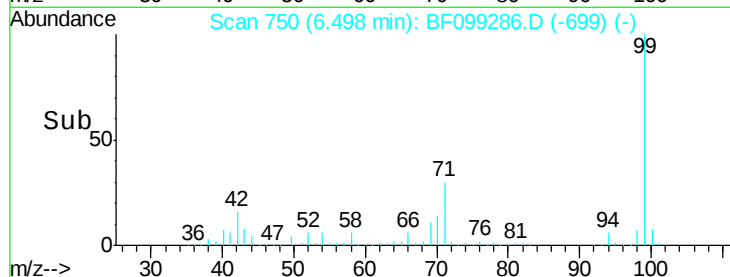
71 30.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.61 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

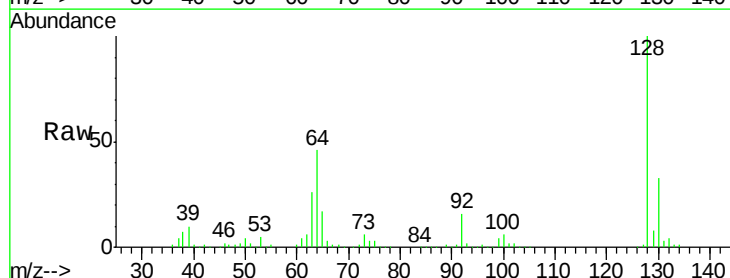
Tgt Ion: 128 Resp: 309650

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

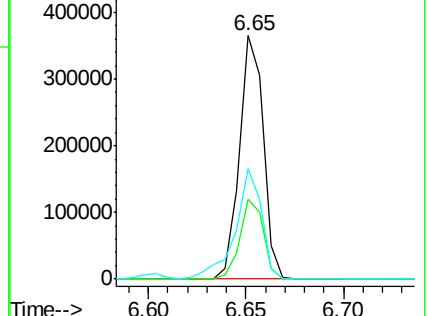
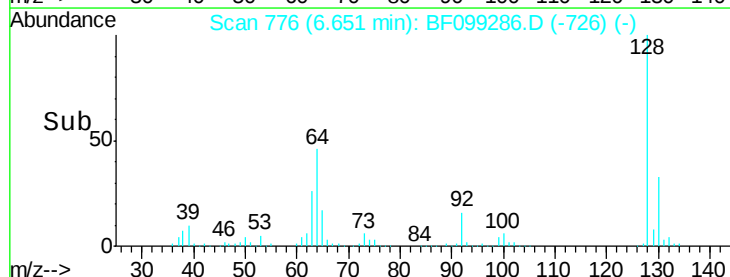
64 45.6 29.4 69.4

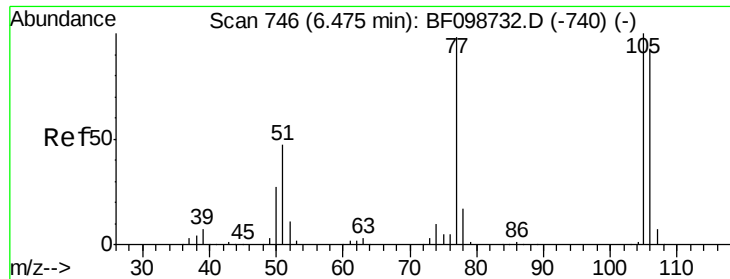


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

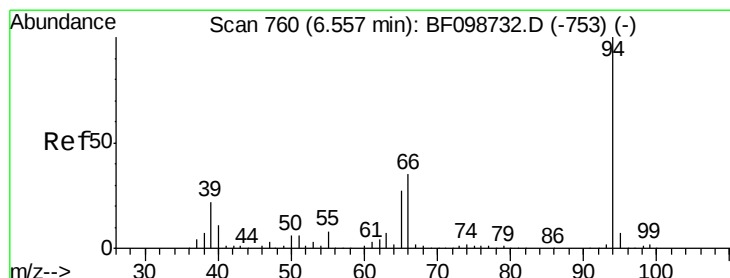
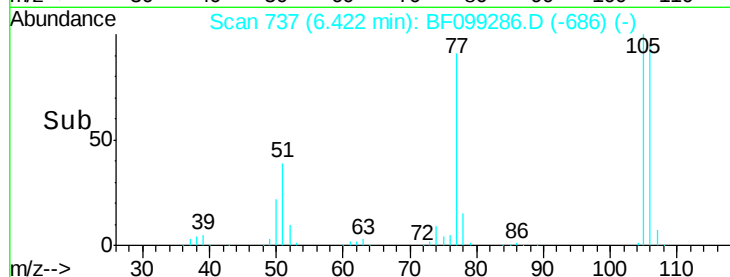
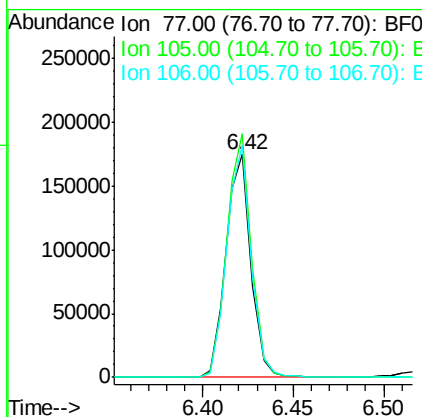
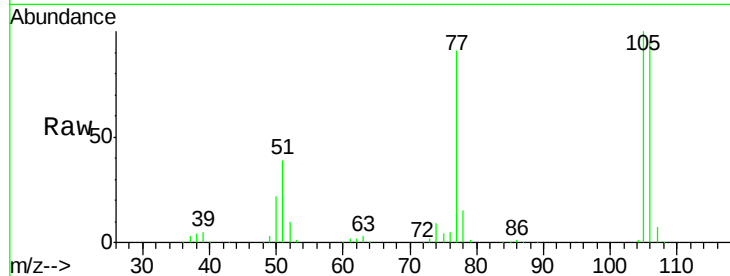




#9
Benzaldehyde
Concen: 33.79 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

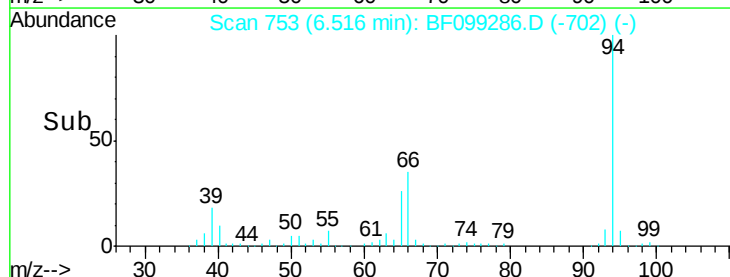
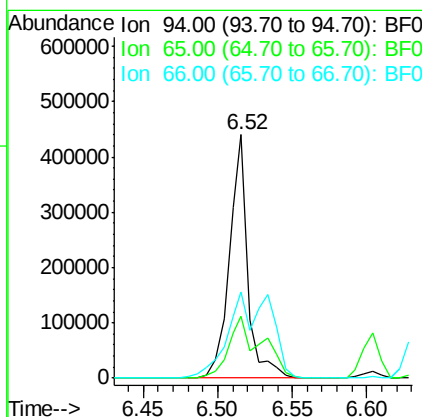
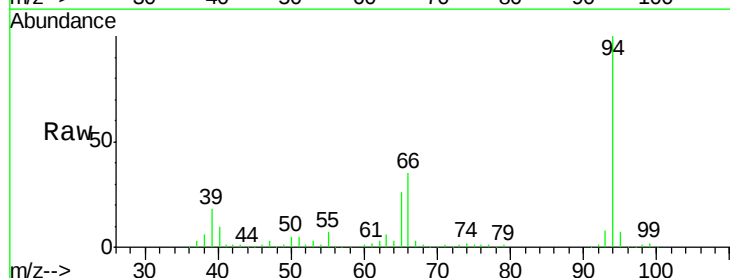
Instrument :
BNA_F
ClientSampled :

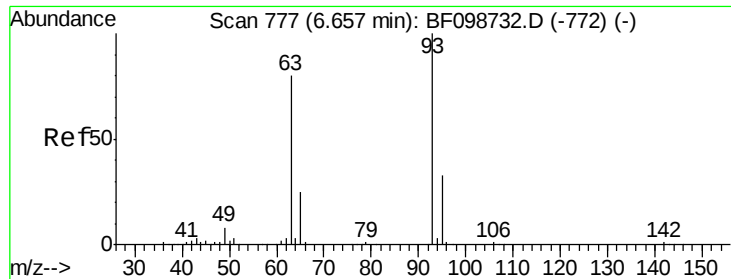
Tot Ion: 77 Resp: 166930
Ion Ratio Lower Upper
77 100
105 109.3 81.1 121.1
106 104.1 74.5 114.5



#10
Phenol
Concen: 40.36 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion: 94 Resp: 384353
Ion Ratio Lower Upper
94 100
65 25.6 7.9 47.9
66 35.4 16.2 56.2

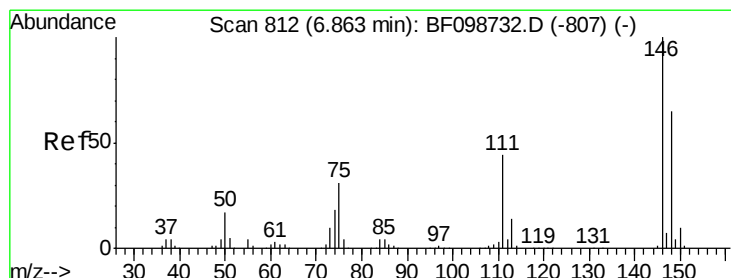
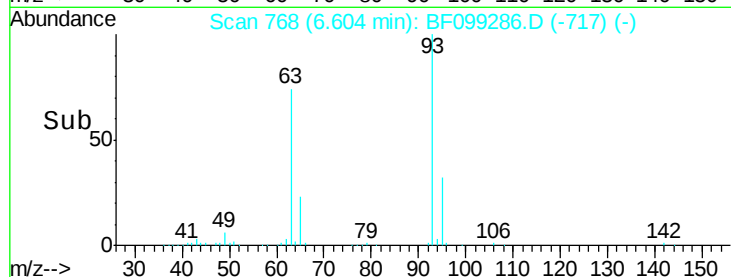
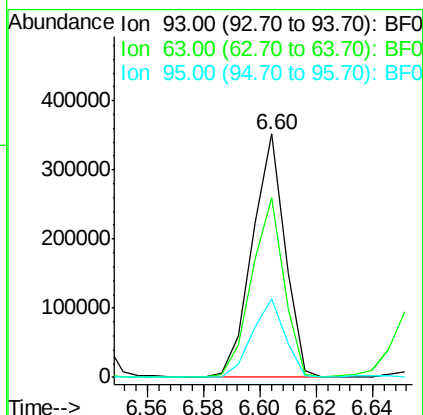
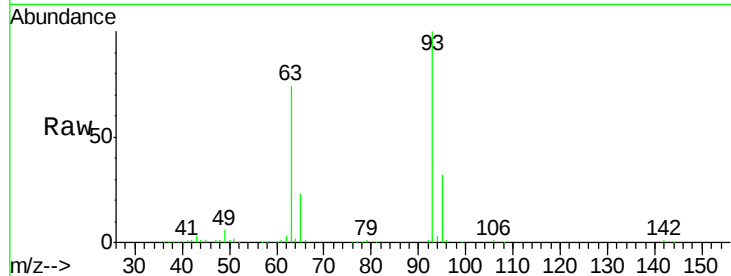




#11
bis(2-Chloroethyl)ether
Concen: 37.99 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

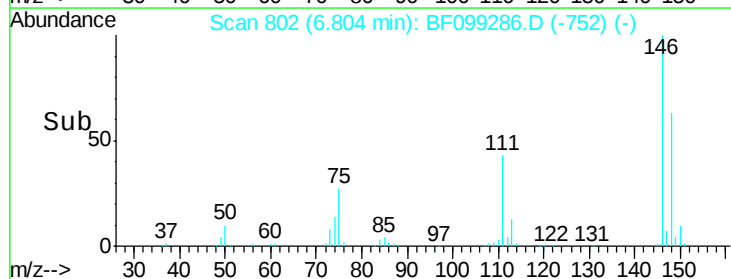
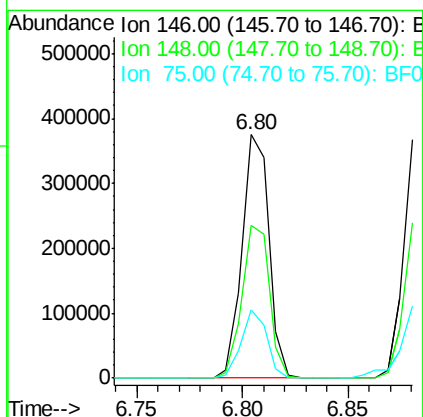
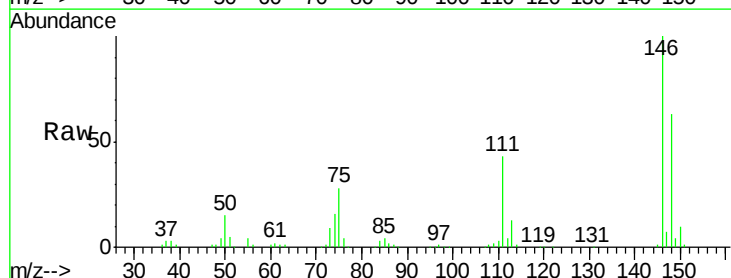
Instrument :
BNA_F
ClientSampled :

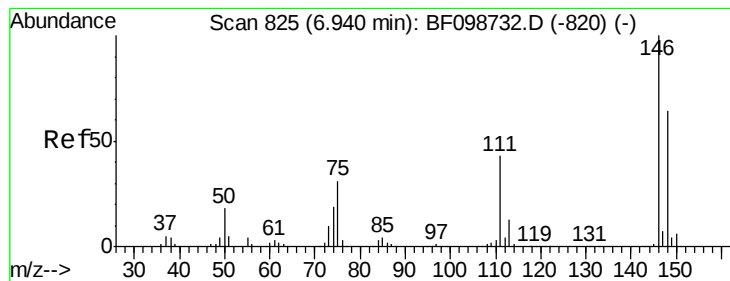
Tot Ion: 93 Resp: 281253
Ion Ratio Lower Upper
93 100
63 73.8 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.38 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion: 146 Resp: 330628
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 28.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampled :

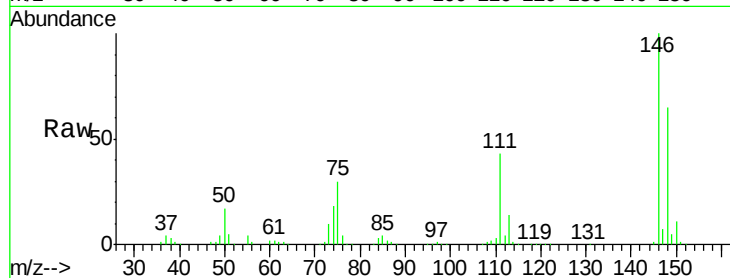
Tot Ion:146 Resp: 331142

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

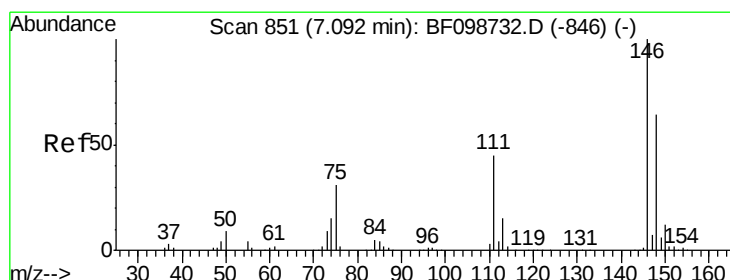
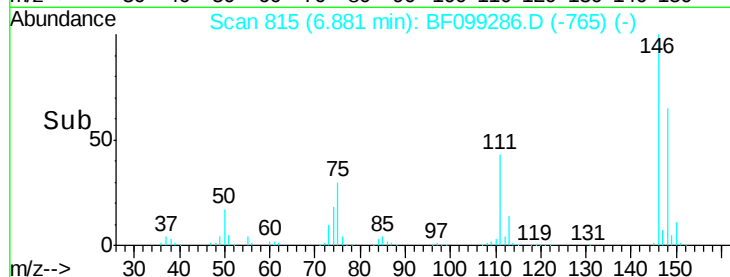
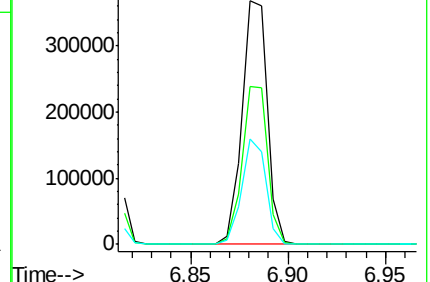
111 43.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.37 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

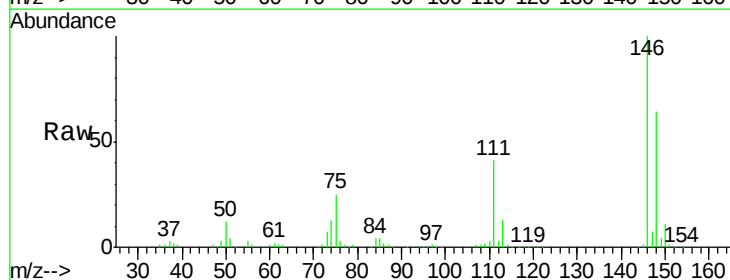
Tgt Ion:146 Resp: 310685

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

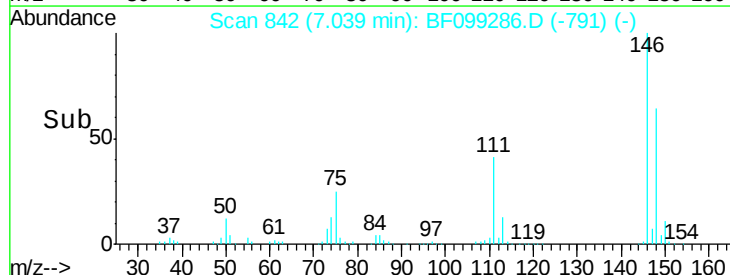
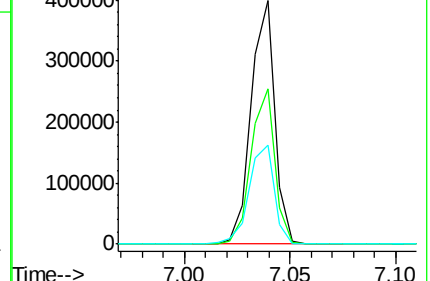
111 40.5 36.0 54.0

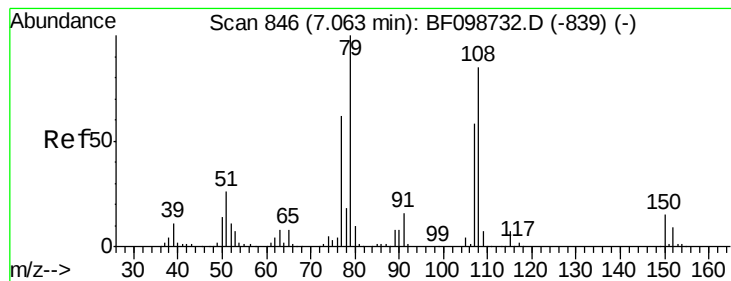


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.42 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

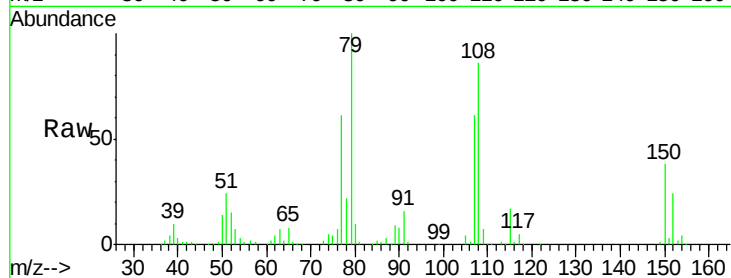
Tot Ion: 79 Resp: 221310

Ion Ratio Lower Upper

79 100

108 86.1 65.1 97.7

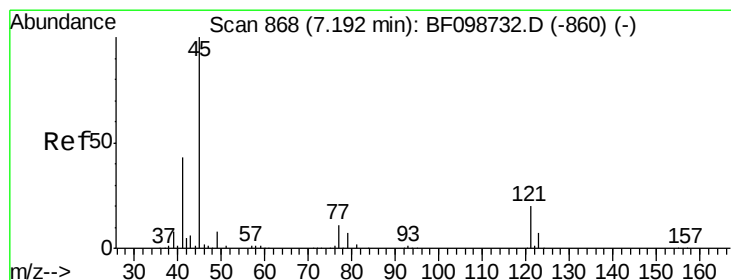
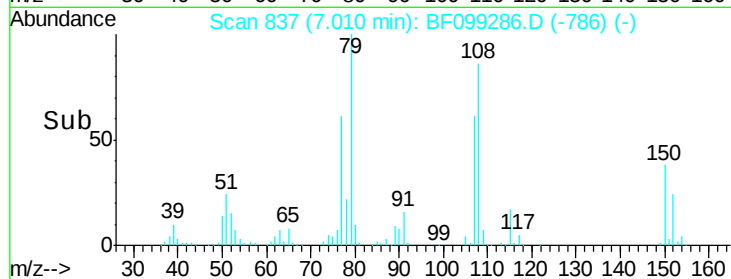
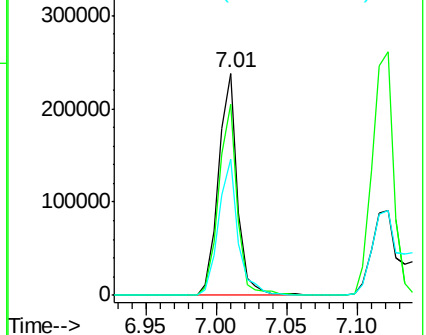
77 61.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.04 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

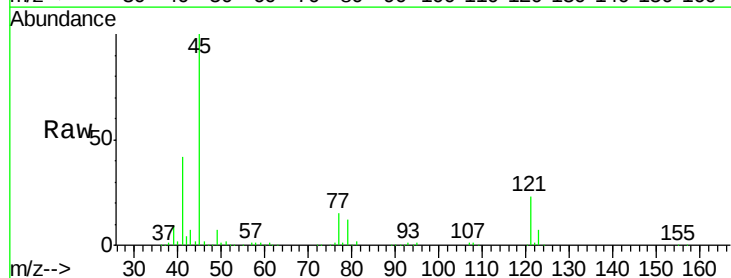
Tgt Ion: 45 Resp: 381128

Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

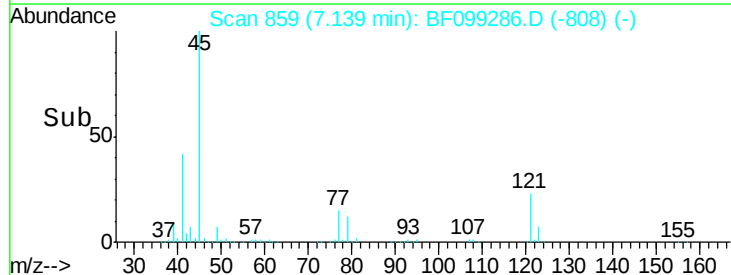
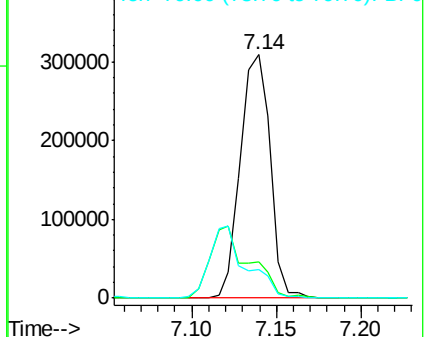
79 11.7 0.0 29.6

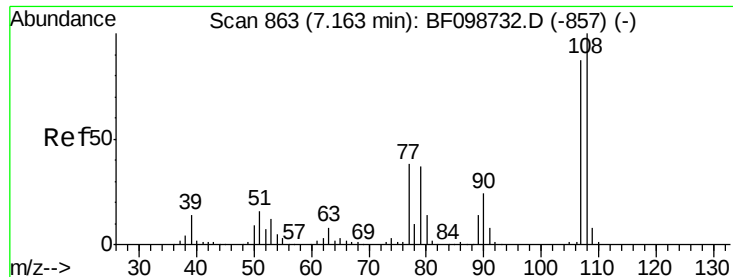


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

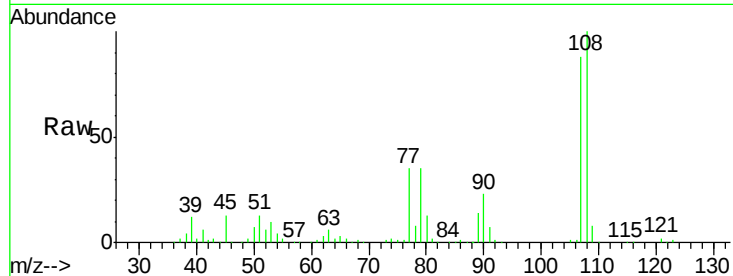




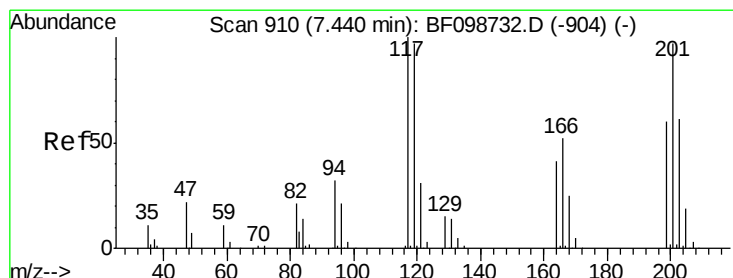
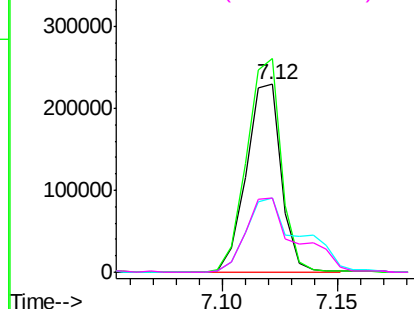
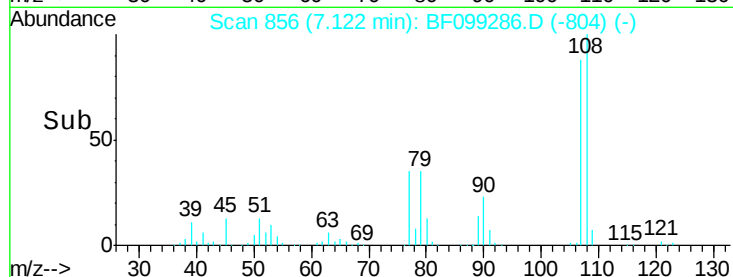
#17
2-Methylphenol
Concen: 38.00 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 243072
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 39.6 33.8 50.8
79 39.8 33.8 50.8

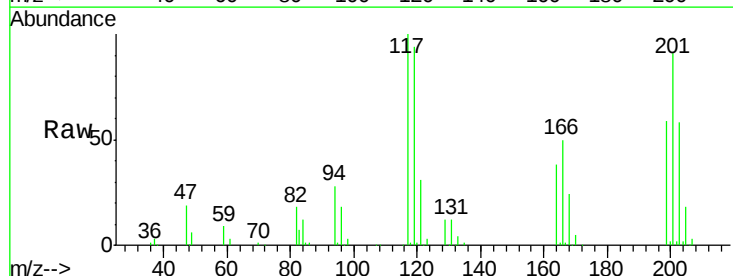


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

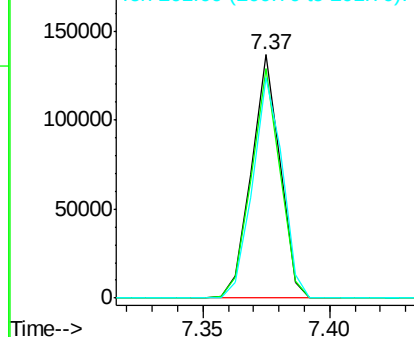
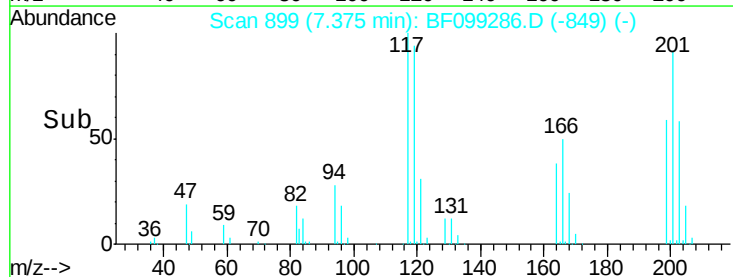


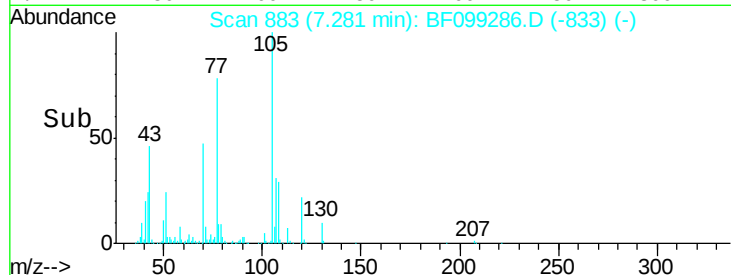
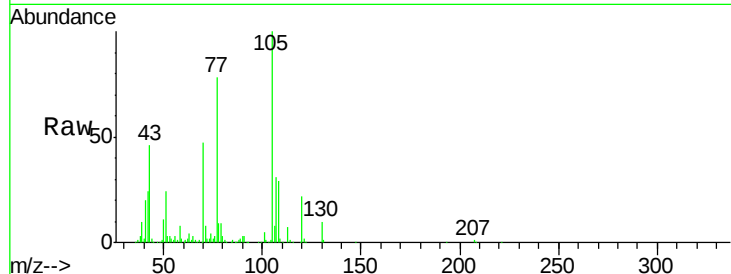
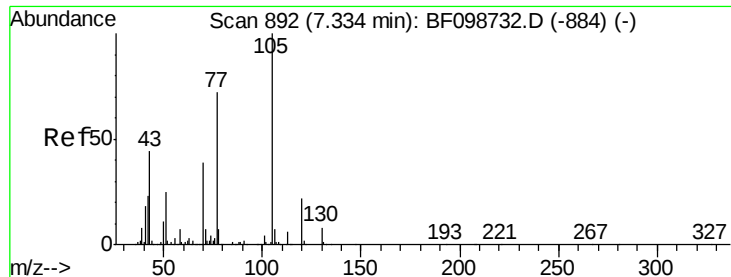
#18
Hexachloroethane
Concen: 35.94 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:117 Resp: 107614
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 90.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

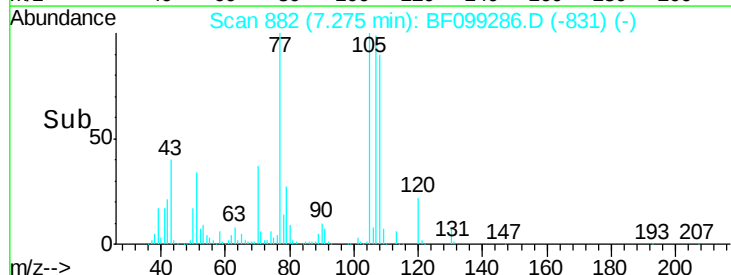
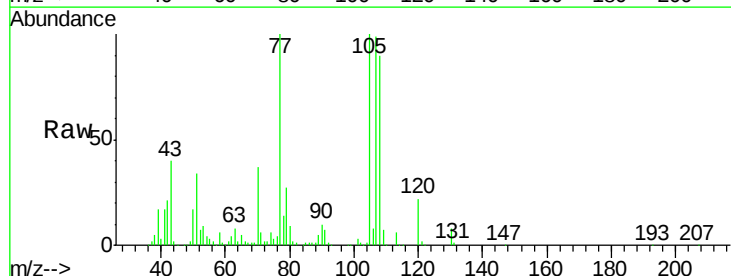
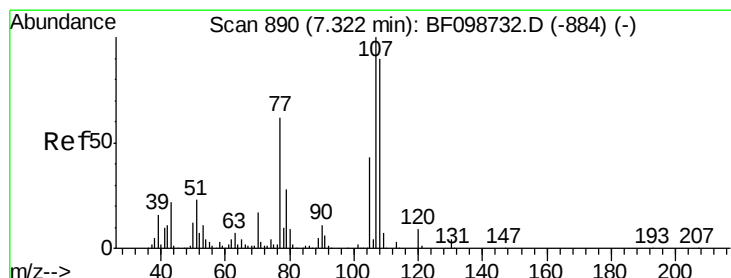
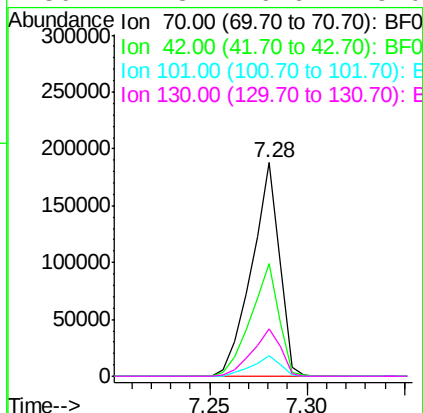




#19
n-Nitroso-di-n-propylamine
Concen: 34.19 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

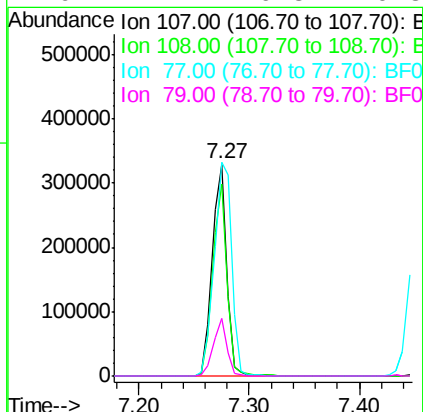
Instrument :
BNA_F
ClientSampled :

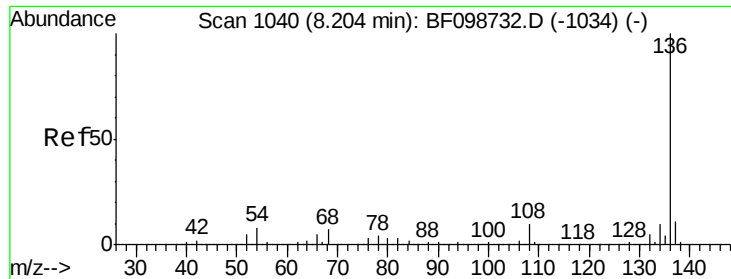
Tot Ion:	70	Resp:	185869
Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	9.7	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.27 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:	107	Resp:	293508
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	101.1	26.7	66.7#
79	27.4	6.3	46.3

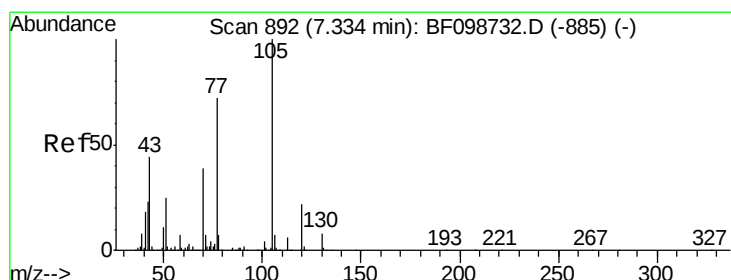
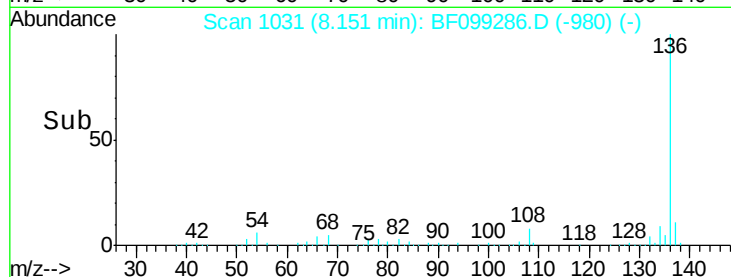
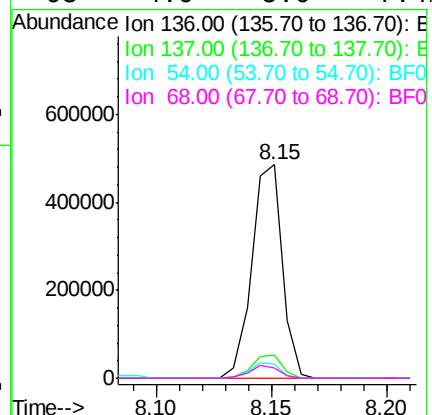
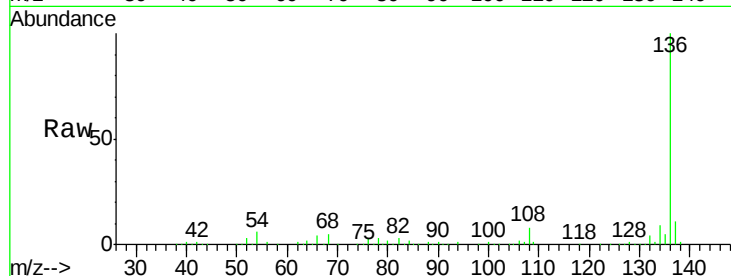




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

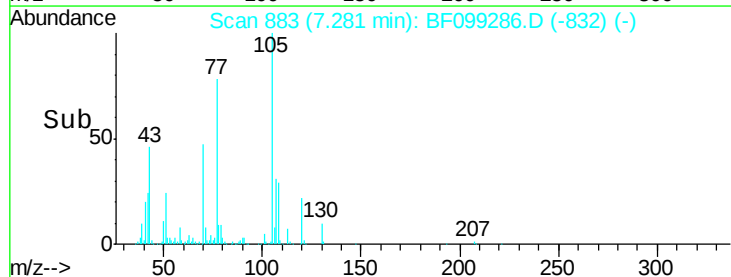
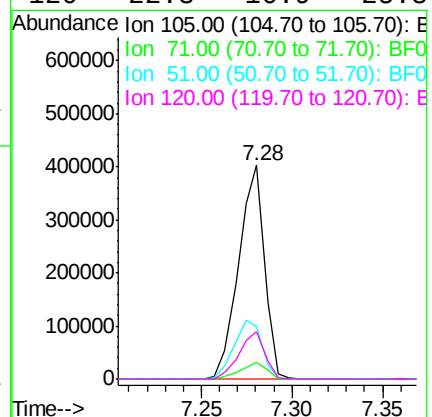
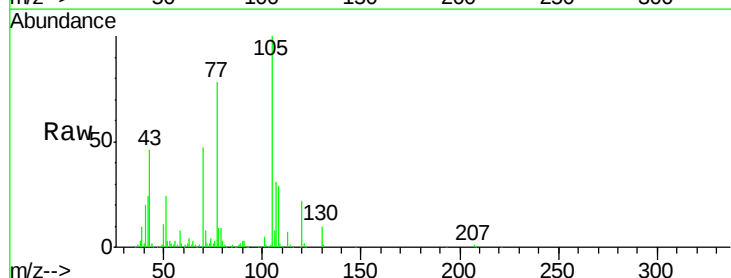
Instrument :
BNA_F
ClientSampleId :

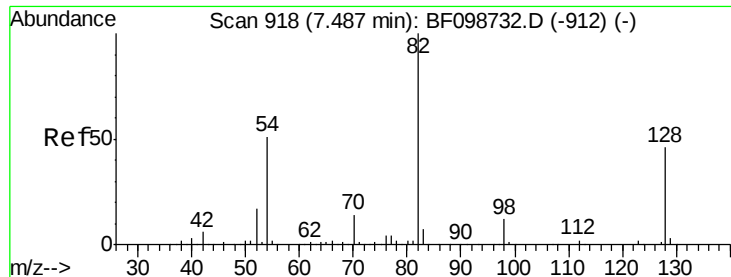
Tot Ion:136	Resp:	448544
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.4	6.6 9.8#
68	4.9	5.0 7.4#



#22
Acetophenone
Concen: 36.63 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:105	Resp:	398073
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	24.4	22.3 33.5
120	22.3	16.9 25.3

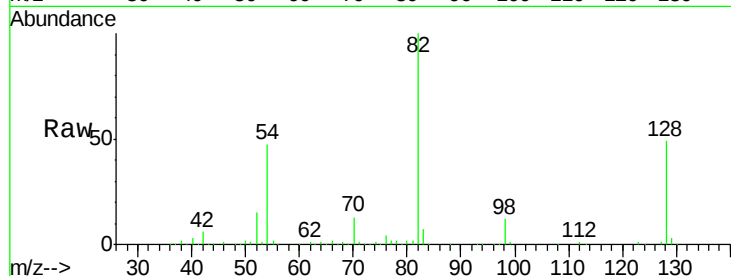




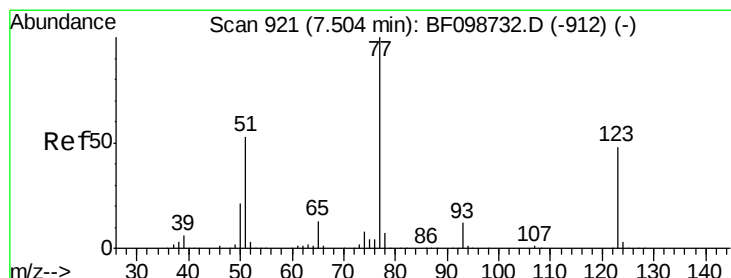
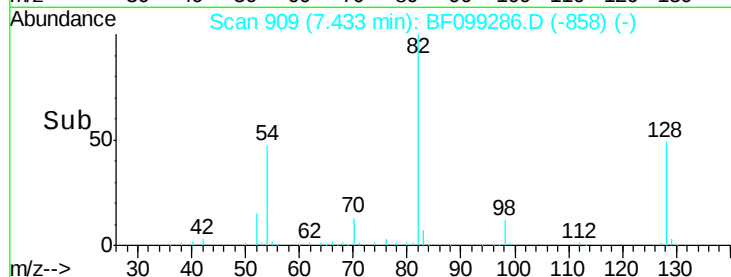
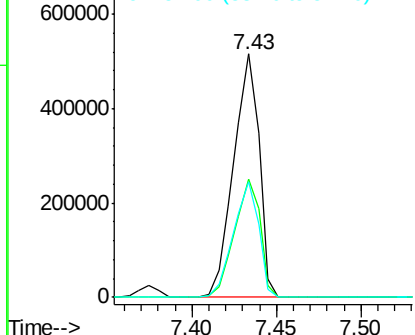
#23
 Nitrobenzene-d5
 Concen: 77.58 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 542632
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 47.3 41.4 62.2

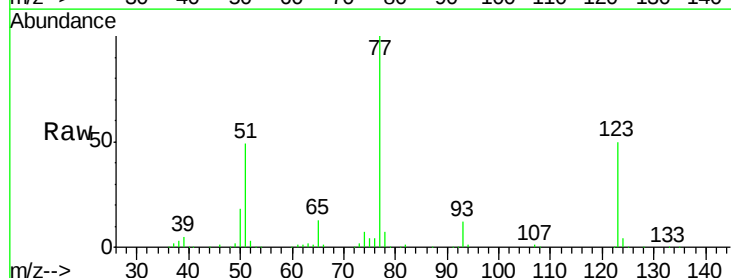


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

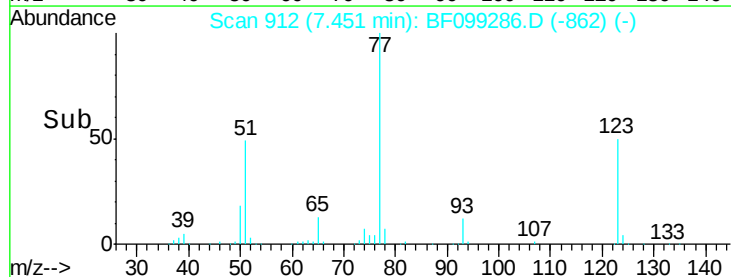
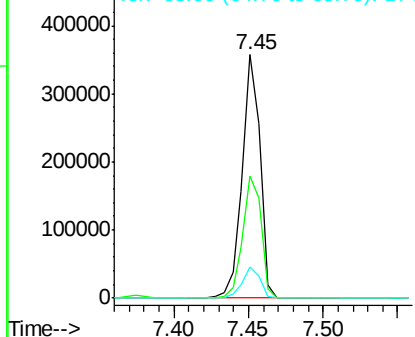


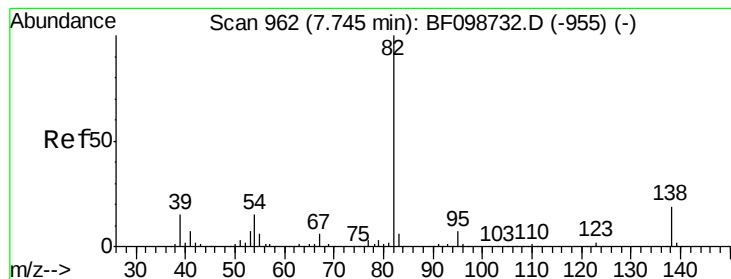
#24
 Nitrobenzene
 Concen: 37.48 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion: 77 Resp: 297368
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.9 56.9
 65 12.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.45 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

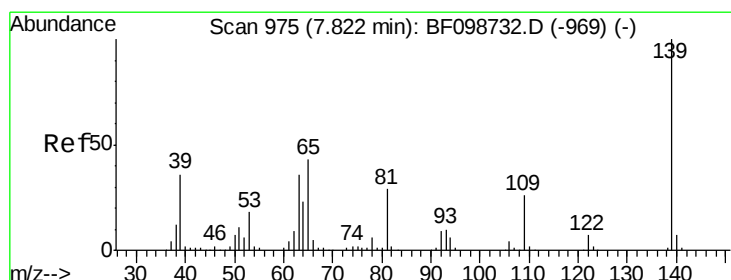
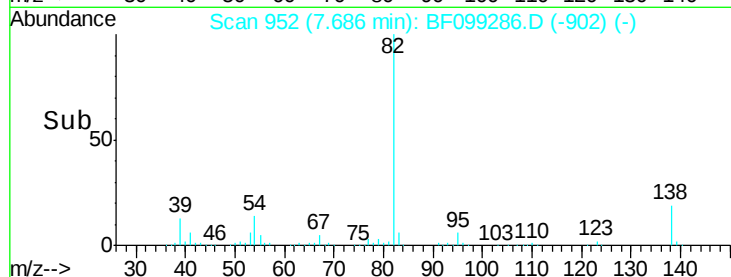
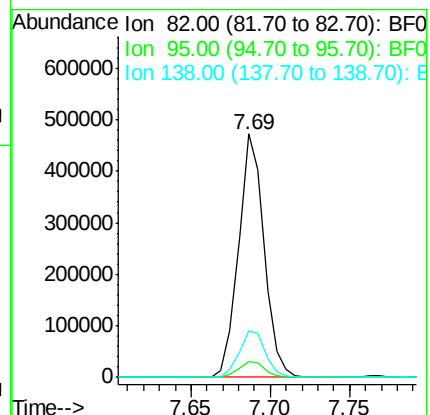
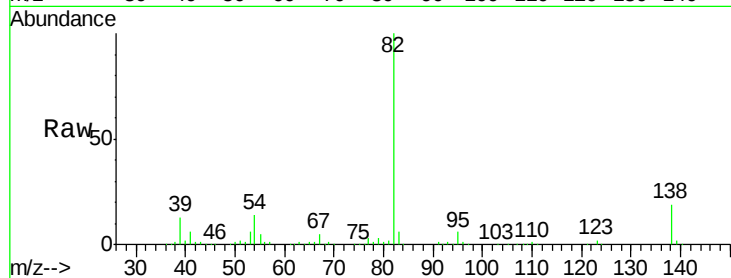
Tot Ion: 82 Resp: 527137

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 43.18 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

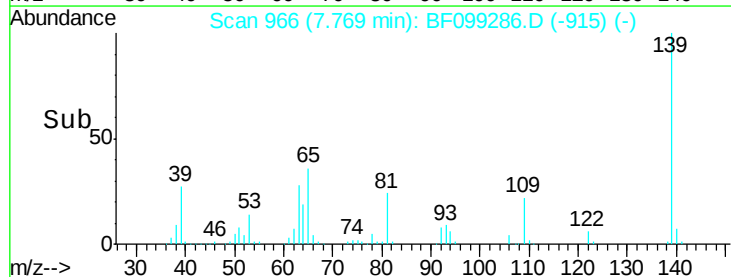
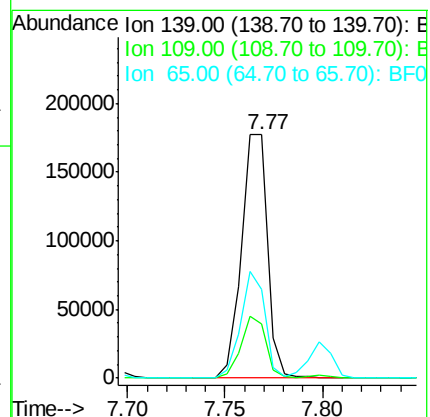
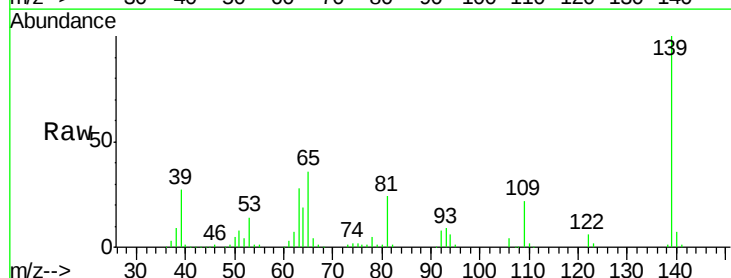
Tgt Ion: 139 Resp: 164765

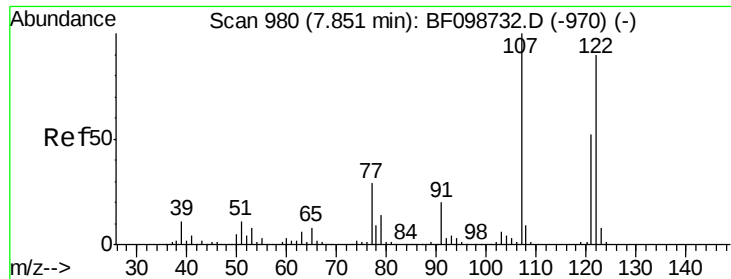
Ion Ratio Lower Upper

139 100

109 22.0 22.7 34.1#

65 36.2 40.5 60.7#

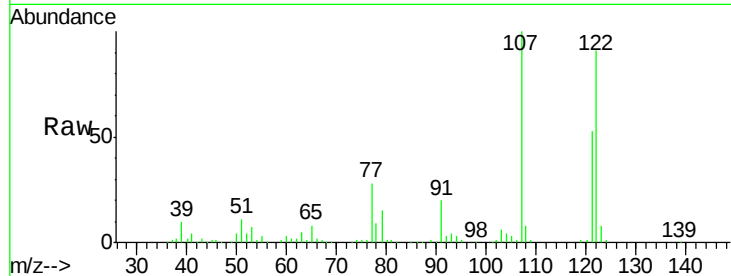




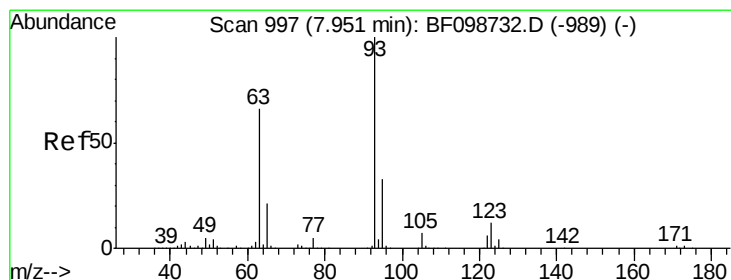
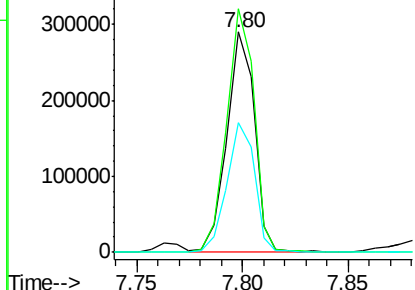
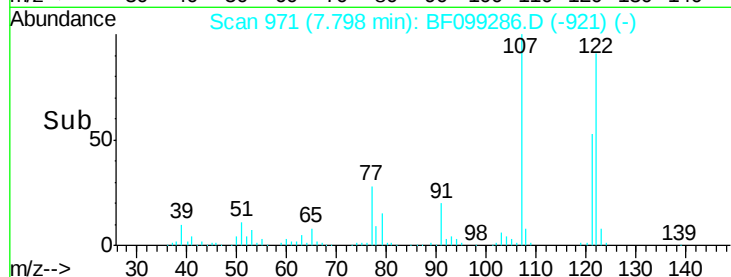
#27
 2,4-Dimethylphenol
 Concen: 35.94 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 258982
 Ion Ratio Lower Upper
 122 100
 107 110.4 91.2 136.8
 121 59.0 47.2 70.8

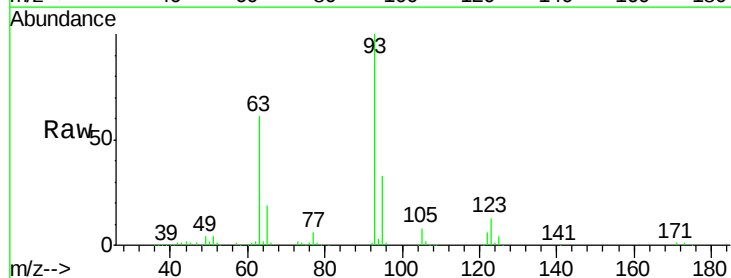


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

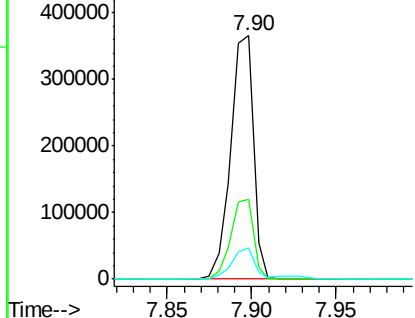
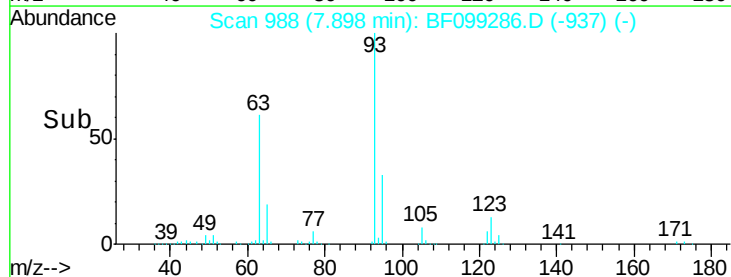


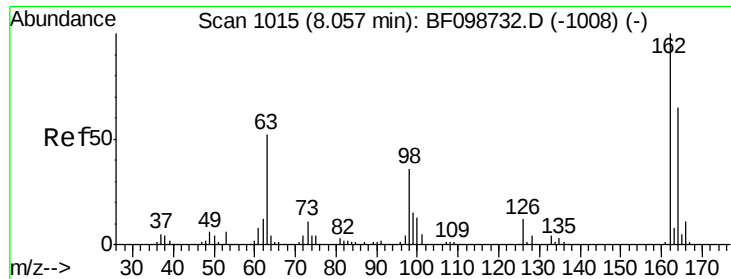
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.86 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion: 93 Resp: 341155
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 12.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

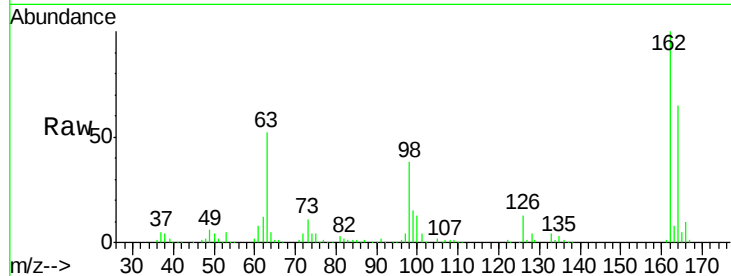




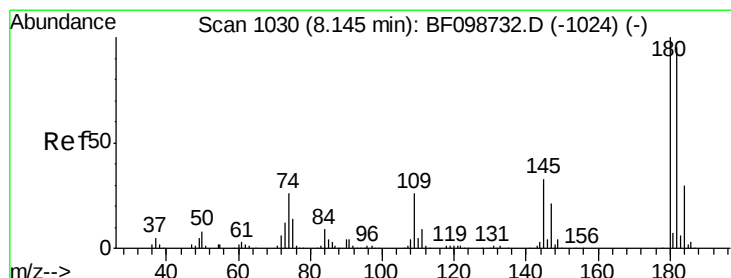
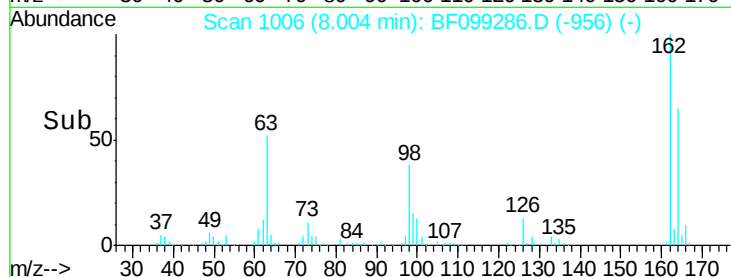
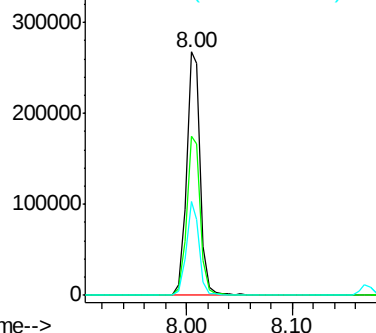
#29
 2,4-Dichlorophenol
 Concen: 40.24 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 248920
 Ion Ratio Lower Upper
 162 100
 164 65.1 42.7 82.7
 98 38.3 18.1 58.1

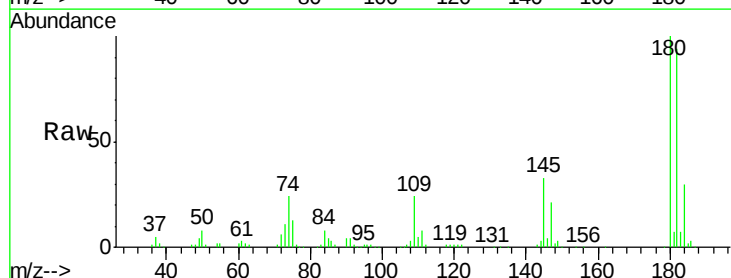


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

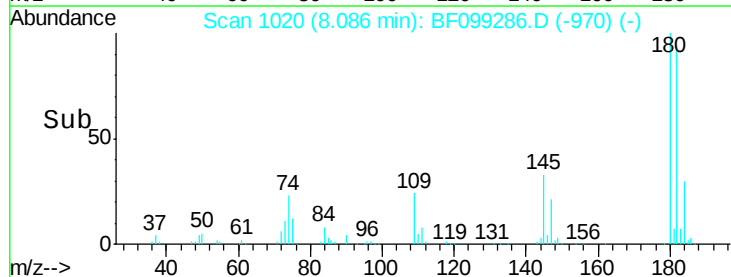
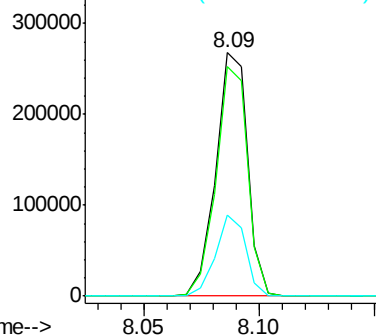


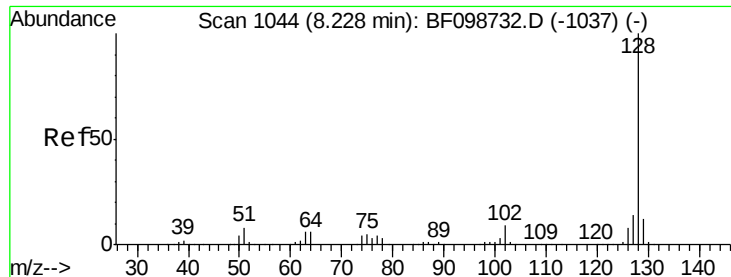
#30
 1,2,4-Trichlorobenzene
 Concen: 41.58 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:180 Resp: 257254
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 33.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

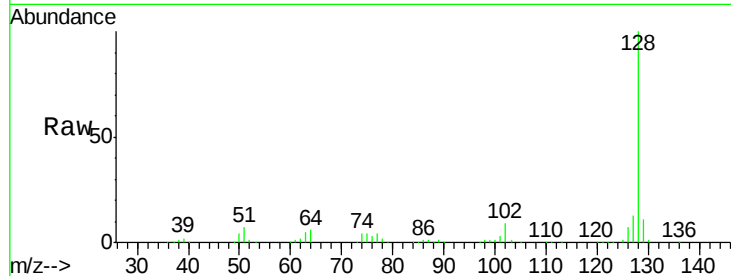




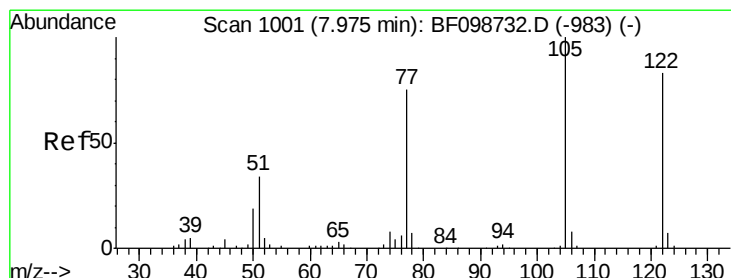
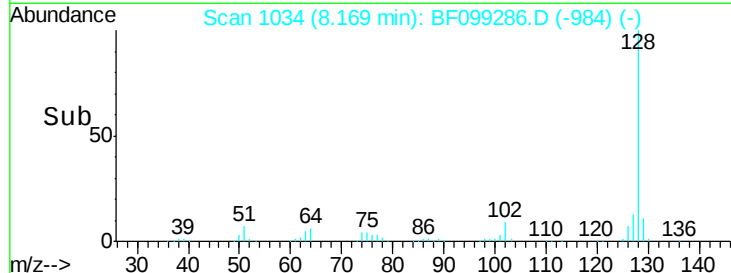
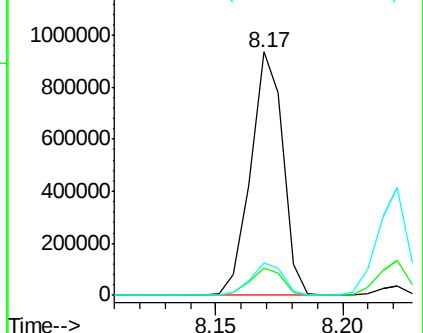
#31
Naphthalene
Concen: 39.35 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 828876
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3

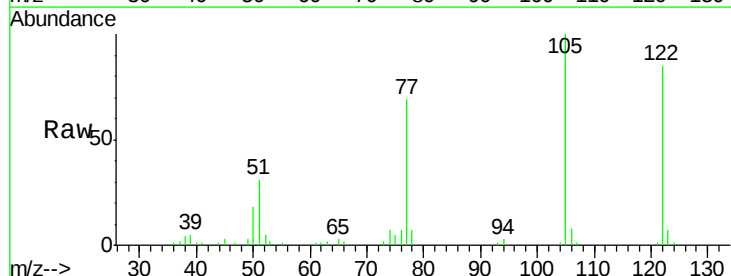


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

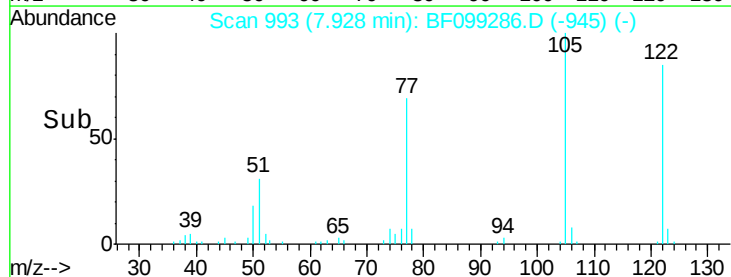
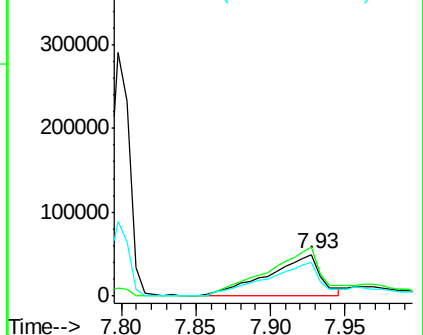


#32
Benzoic acid
Concen: 19.77 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:122 Resp: 117004
Ion Ratio Lower Upper
122 100
105 117.9 101.1 141.1
77 81.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

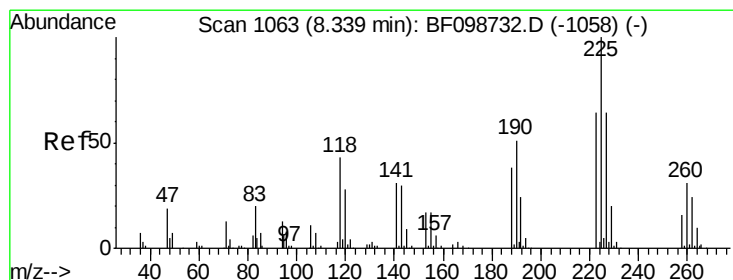
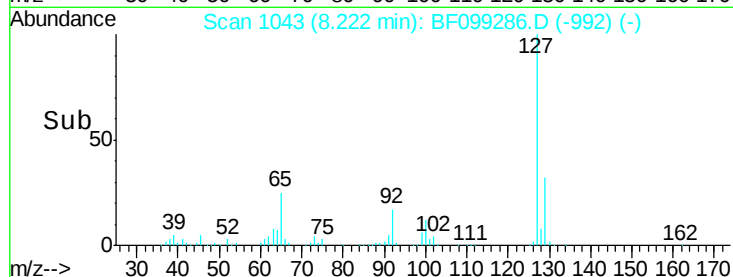
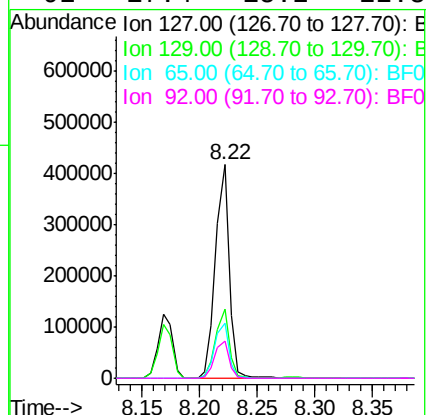
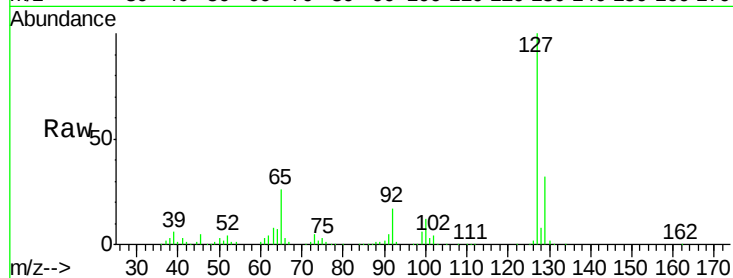




#33
4-Chloroaniline
Concen: 39.54 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

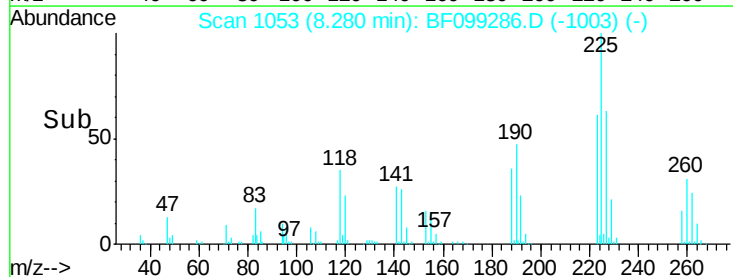
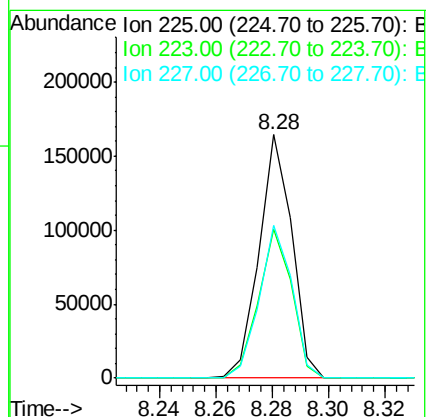
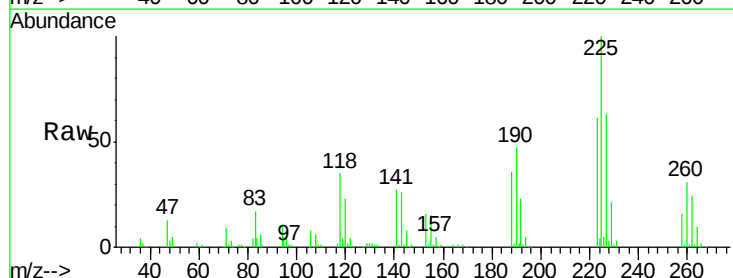
Instrument :
BNA_F
ClientSampleId :

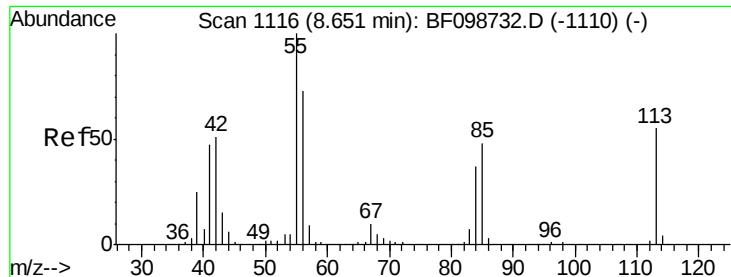
Tot Ion:	127	Resp:	347889
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	25.7	25.0	37.4
92	17.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.52 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:	225	Resp:	132316
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	62.6	51.9	77.9

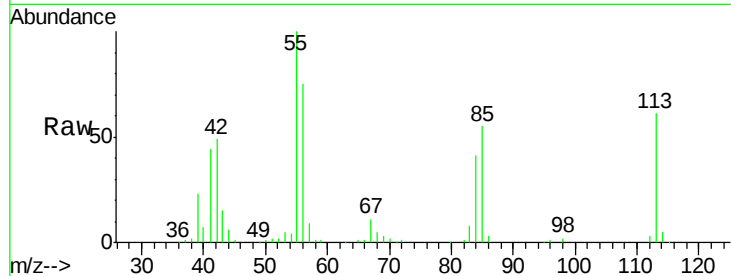




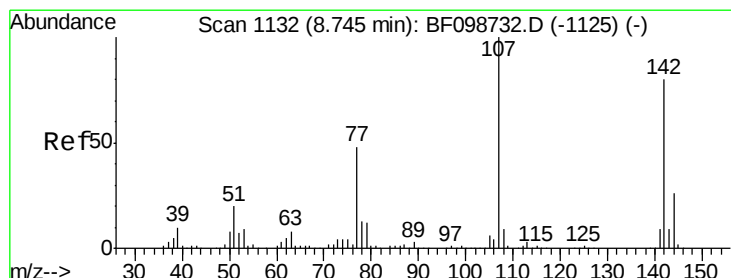
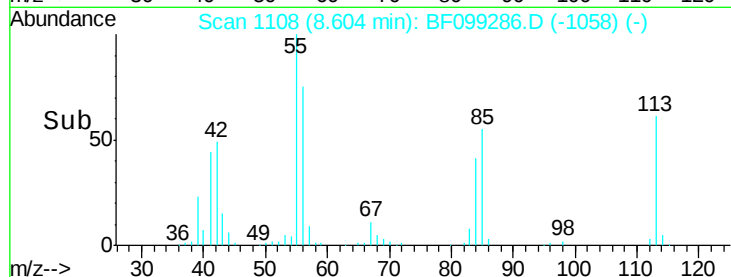
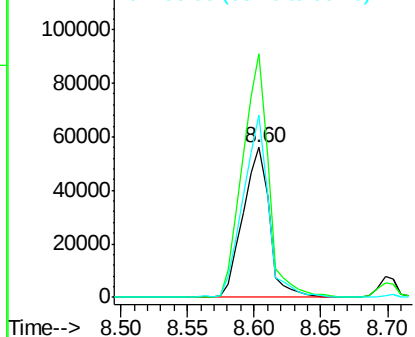
#35
Caprolactam
Concen: 38.44 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 76288
Ion Ratio Lower Upper
113 100
55 162.7 163.3 203.3#
56 121.5 115.7 155.7

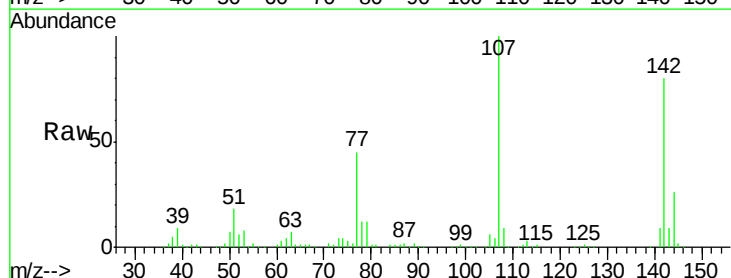


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

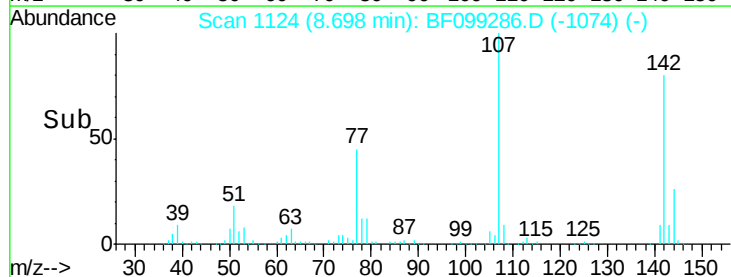
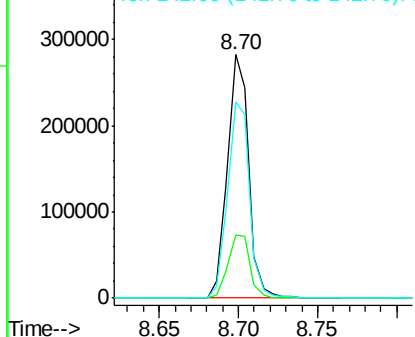


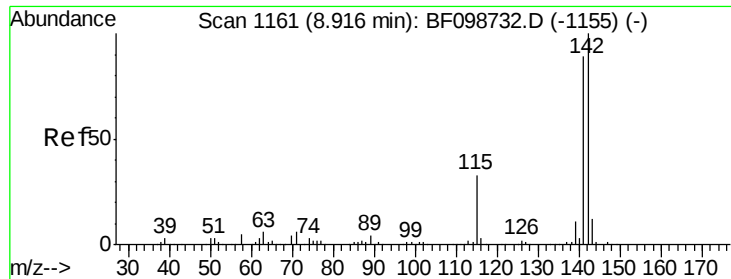
#36
4-Chloro-3-methylphenol
Concen: 37.79 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:107 Resp: 262738
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 80.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

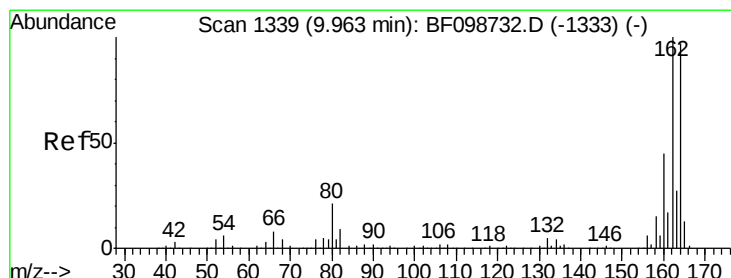
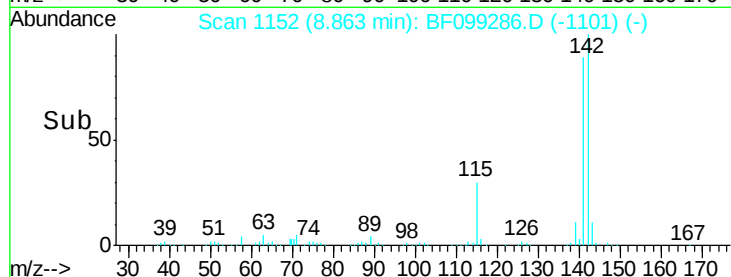
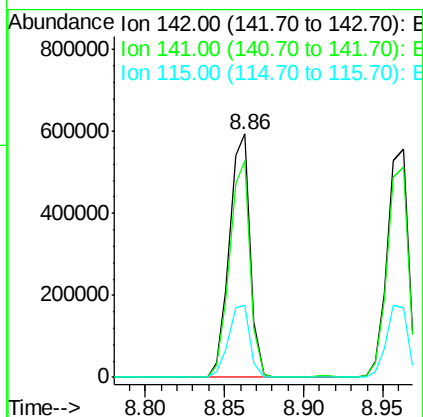
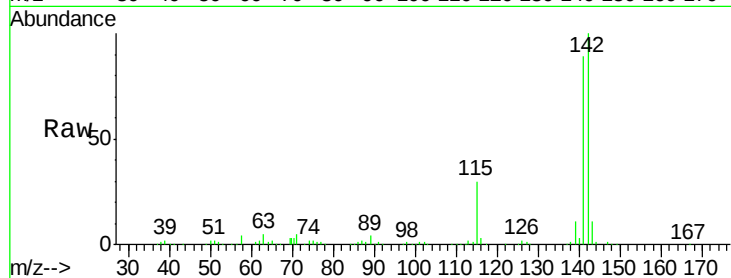




#37
2-Methylnaphthalene
Concen: 39.50 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

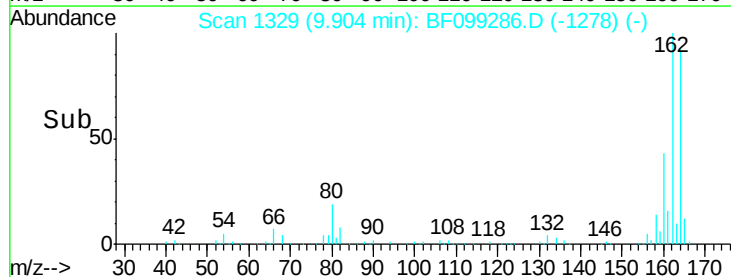
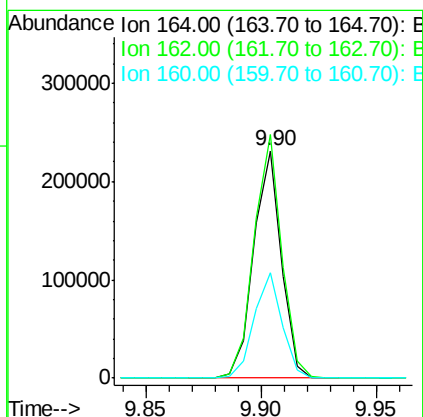
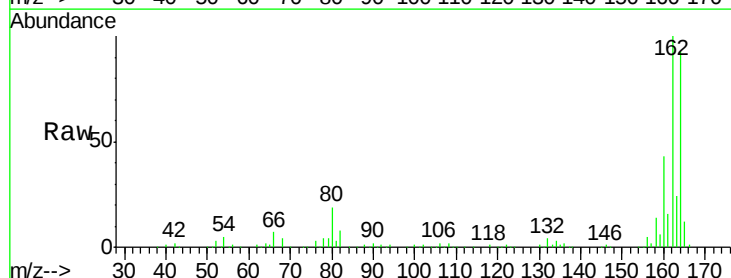
Instrument :
BNA_F
ClientSampleId :

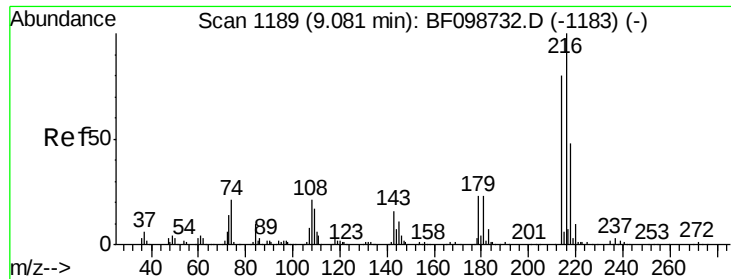
Tot Ion:142 Resp: 540884
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 29.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:164 Resp: 193763
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 46.1 38.3 57.5

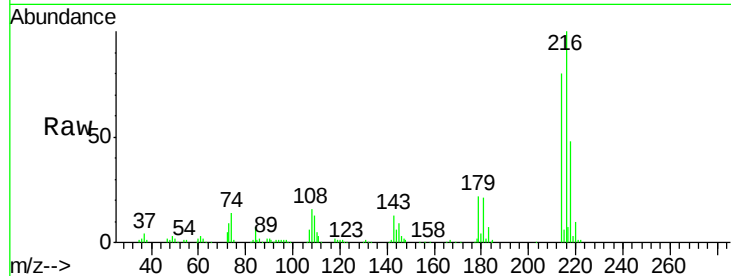




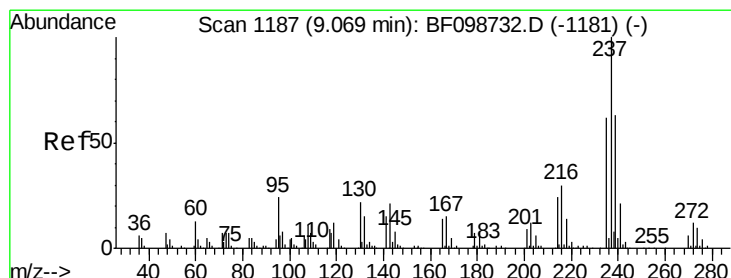
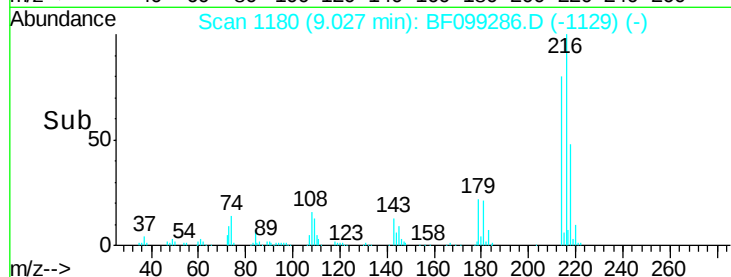
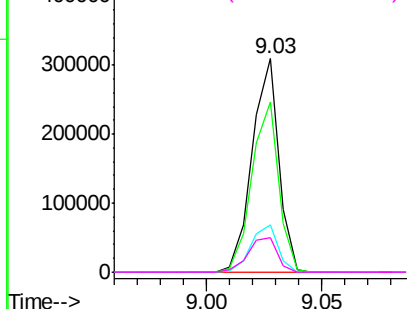
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.37 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	250592
Ion Ratio	Lower	Upper
216 100		
214 80.3	63.0	94.4
179 22.6	18.1	27.1
108 17.9	17.2	25.8

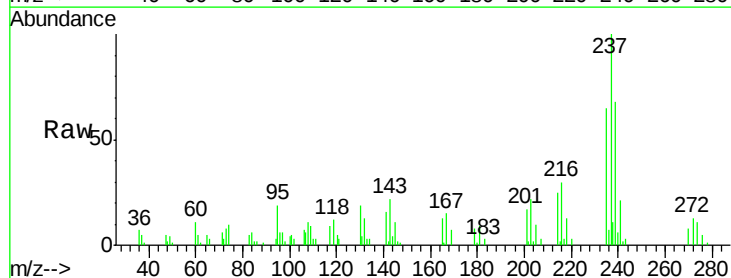


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

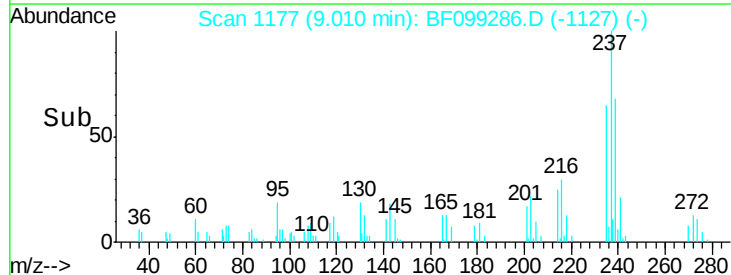
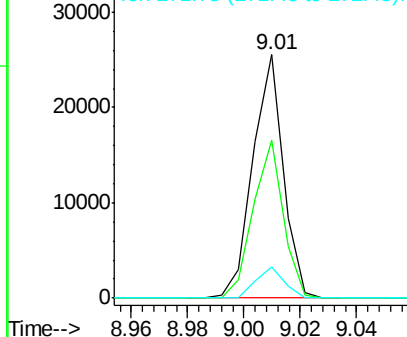


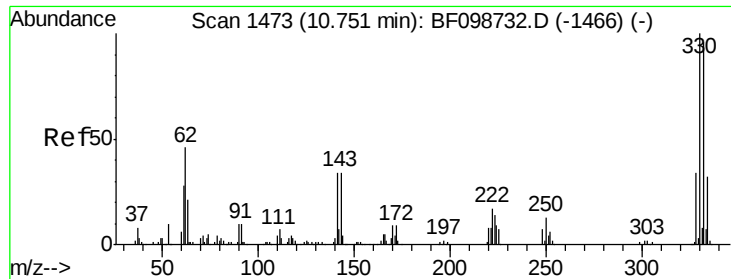
#40
 Hexachlorocyclopentadiene
 Concen: 7.25 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:237	Resp:	19139
Ion Ratio	Lower	Upper
237 100		
235 65.0	44.8	84.8
272 12.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

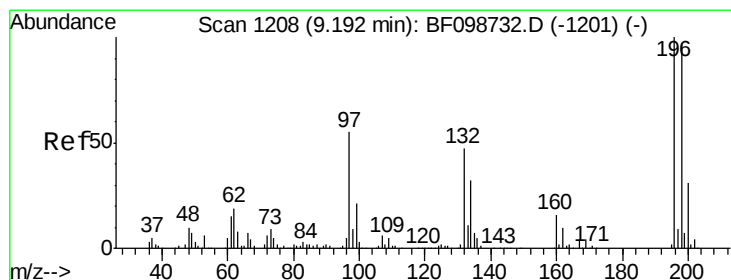
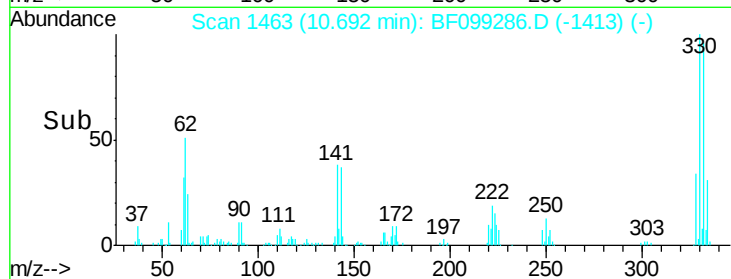
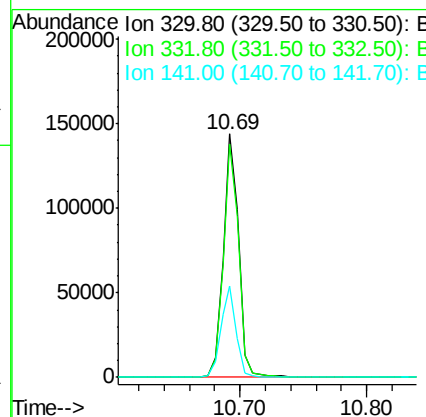
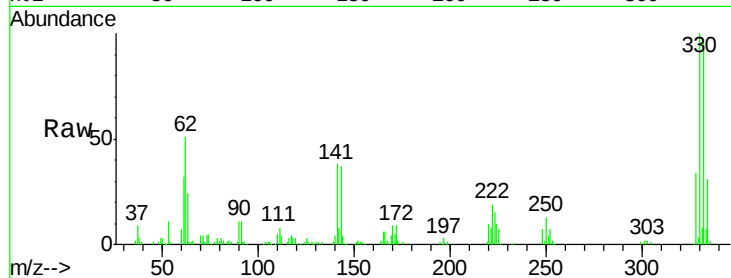




#41
 2,4,6-Tribromophenol
 Concen: 77.29 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

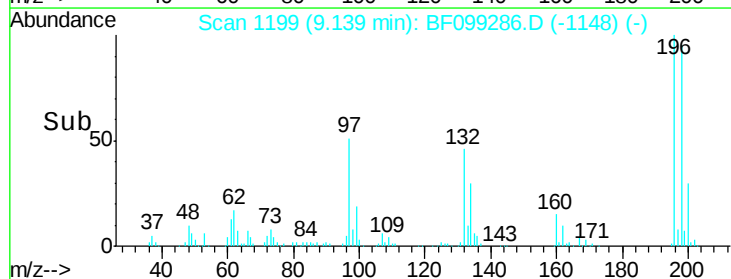
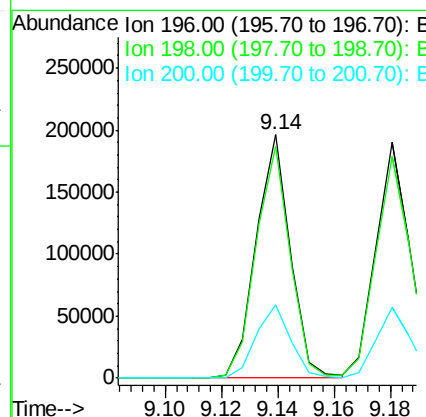
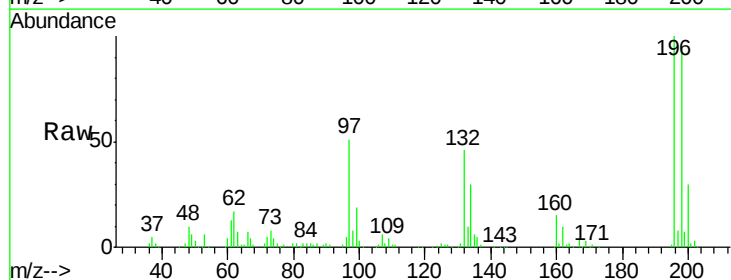
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.17 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.0	24.5	36.7

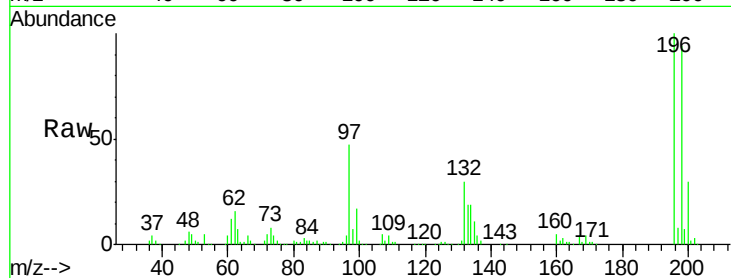




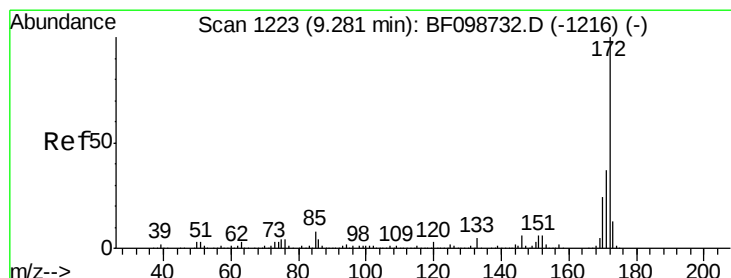
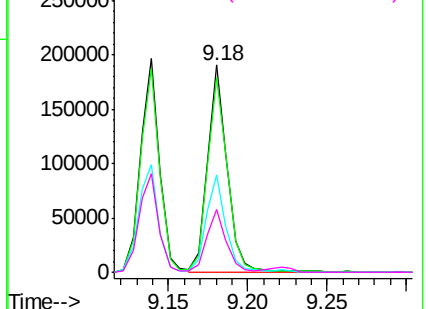
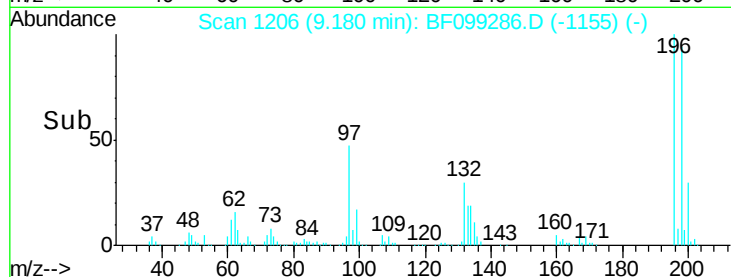
#43
 2,4,5-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 163950
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.6 112.0
 97 46.8 42.9 64.3
 132 30.0 26.3 39.5

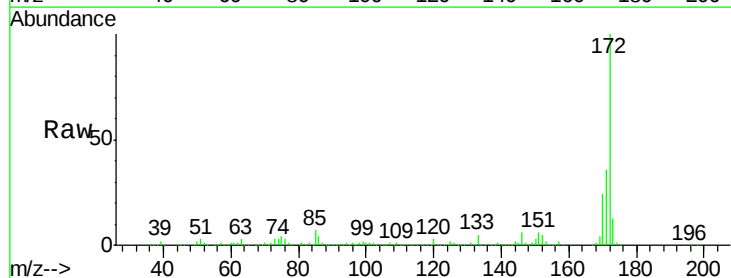


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

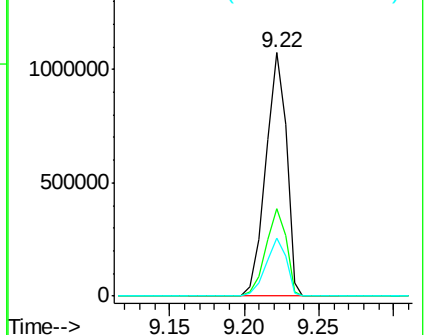
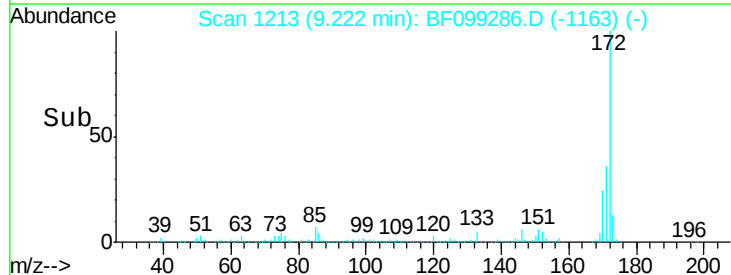


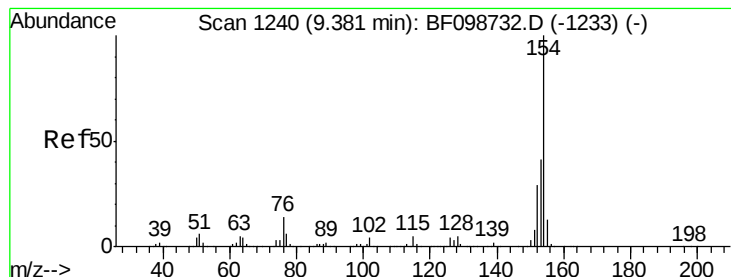
#44
 2-Fluorobiphenyl
 Concen: 87.64 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:172 Resp: 1017213
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.69 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

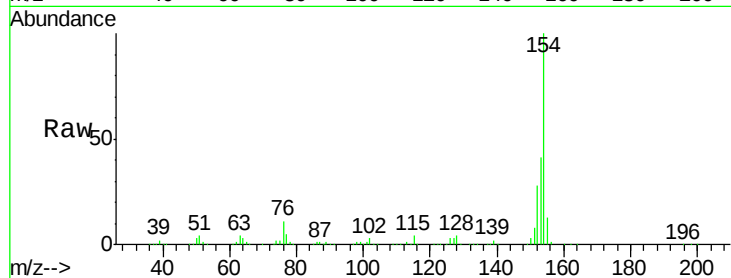
Tot Ion:154 Resp: 694183

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

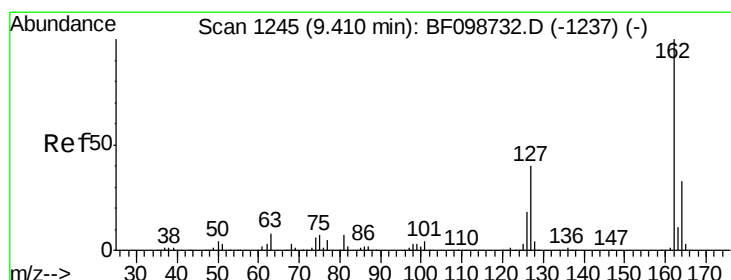
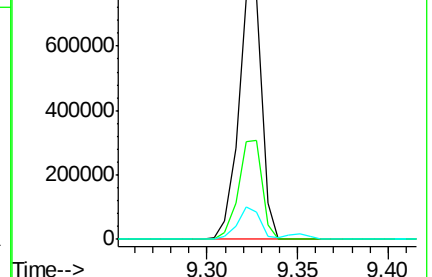
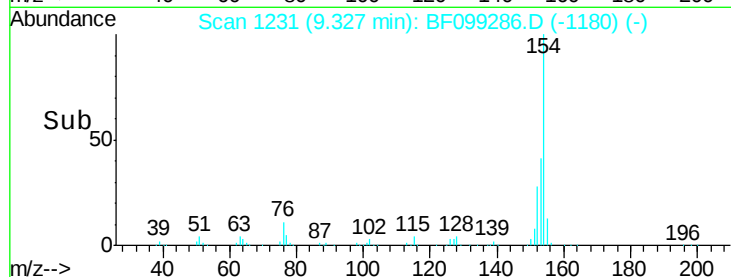
76 11.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.40 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

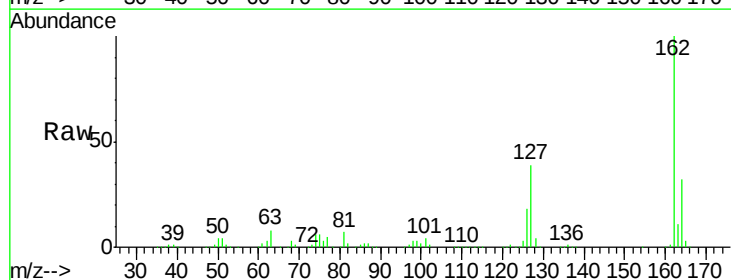
Tgt Ion:162 Resp: 517632

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

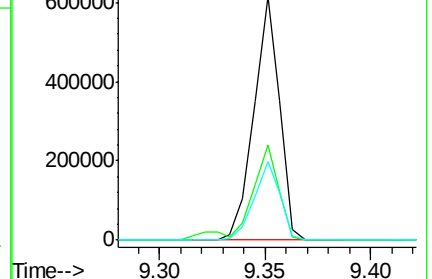
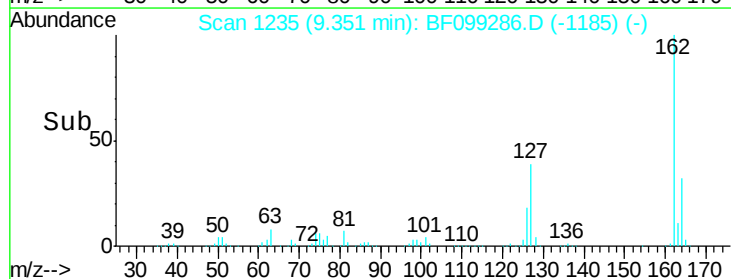
164 32.3 26.5 39.7

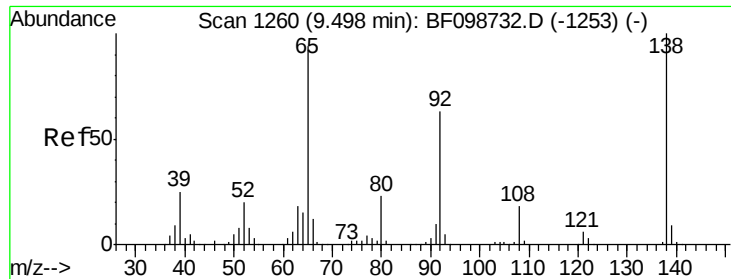


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

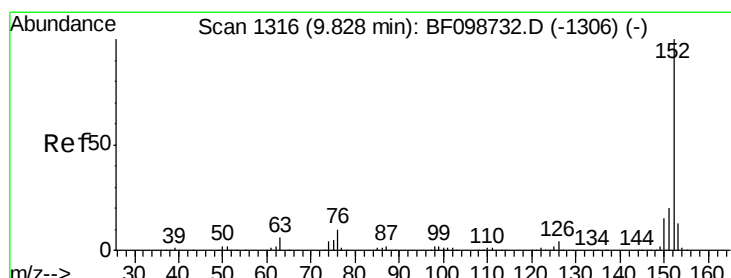
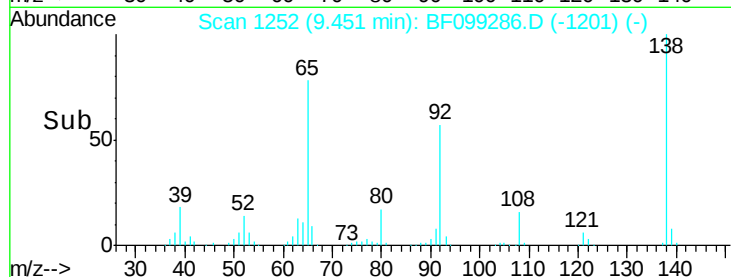
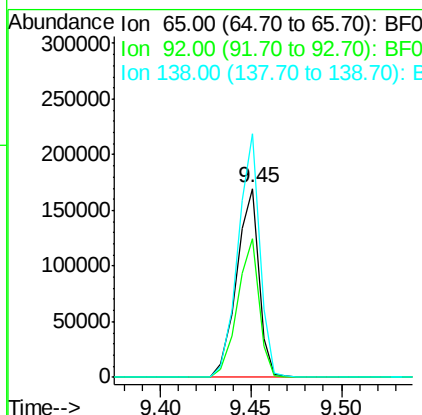
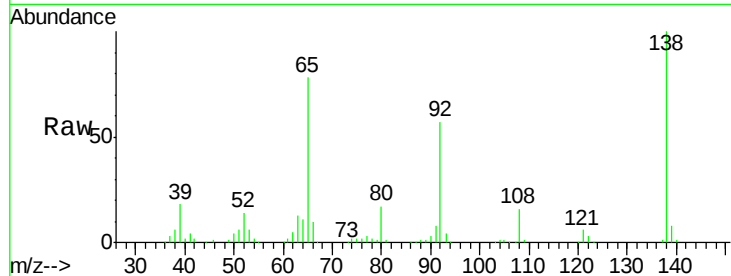




#47
2-Nitroaniline
Concen: 38.02 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

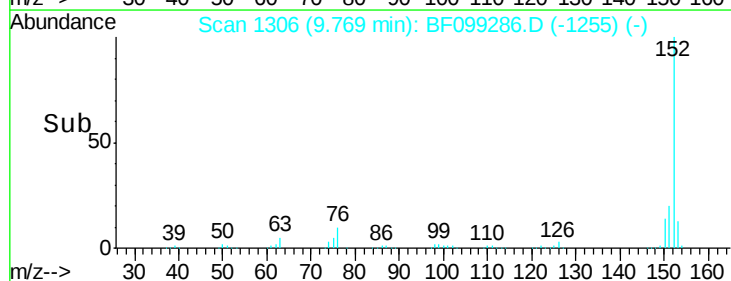
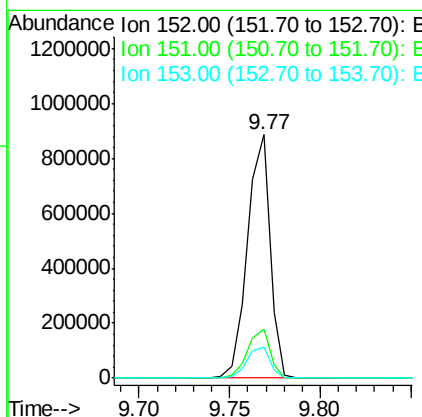
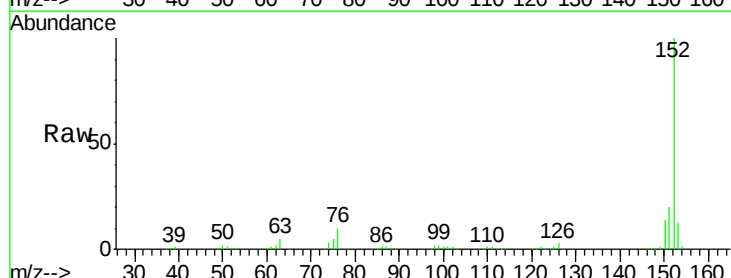
Instrument :
BNA_F
ClientSampled :

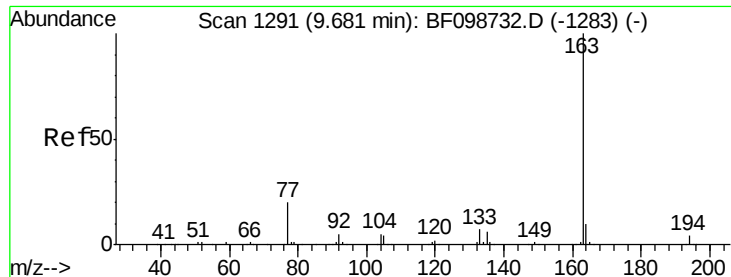
Tot Ion: 65 Resp: 145547
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 128.8 91.2 136.8



#48
Acenaphthylene
Concen: 40.27 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion: 152 Resp: 770826
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.0 10.7 16.1

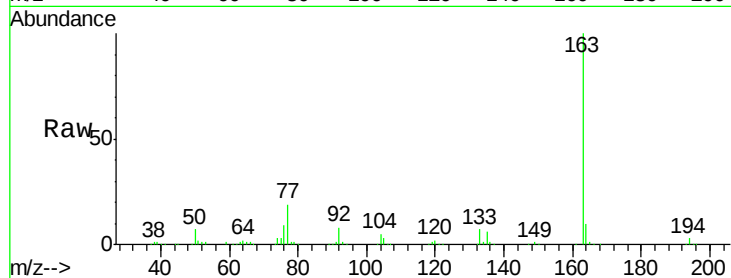




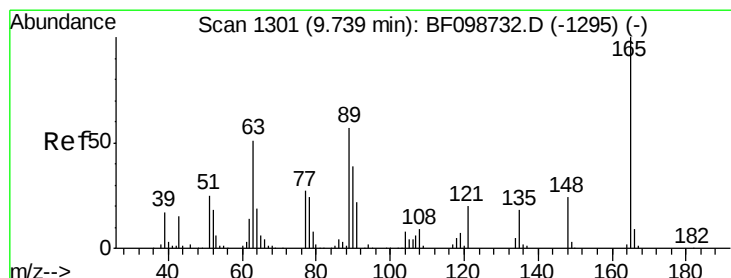
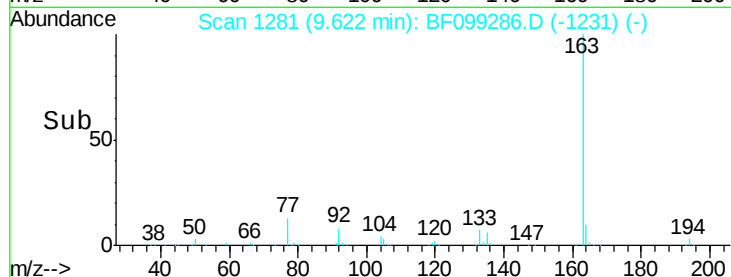
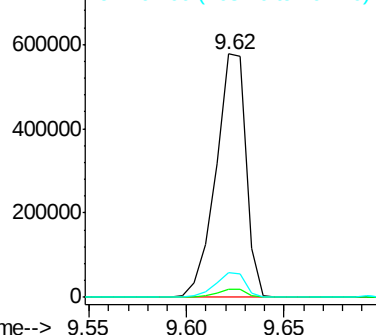
#49
Dimethylphthalate
Concen: 42.30 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

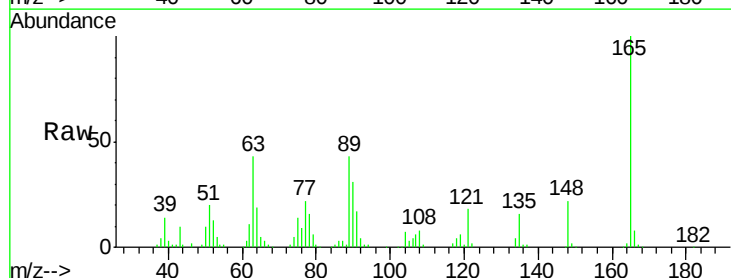


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

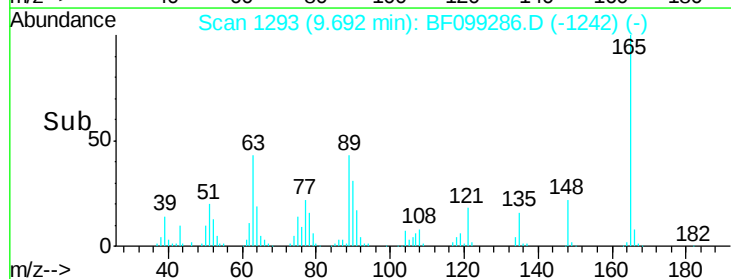
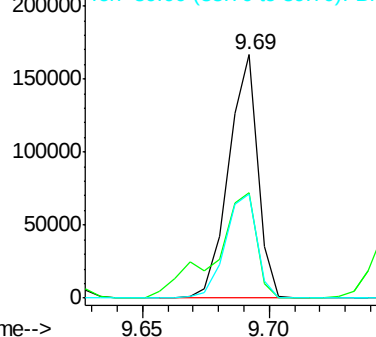


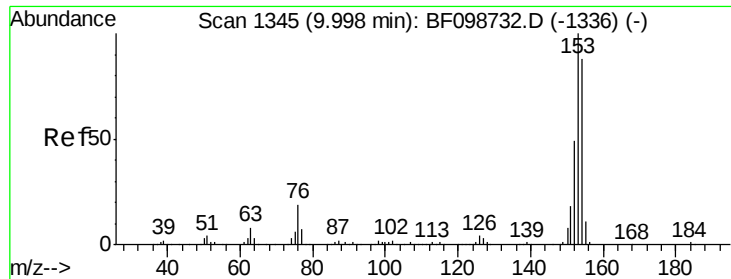
#50
2,6-Dinitrotoluene
Concen: 42.03 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	44.7	67.1#
89	42.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.17 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

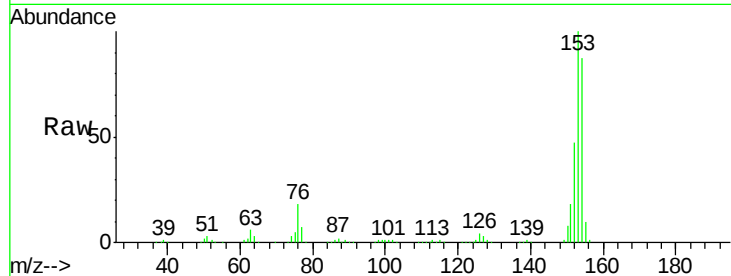
Tot Ion:154 Resp: 450645

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

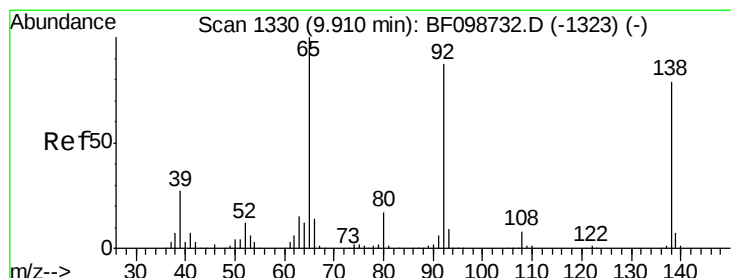
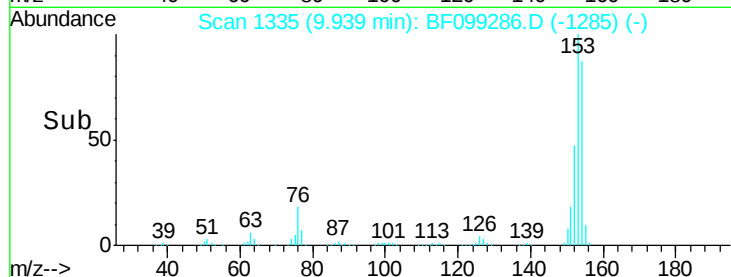
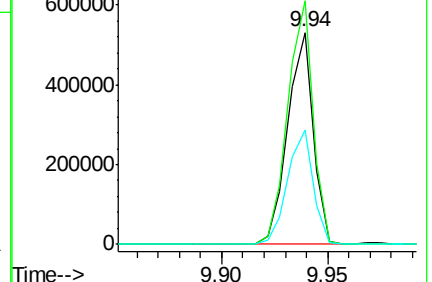
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.04 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

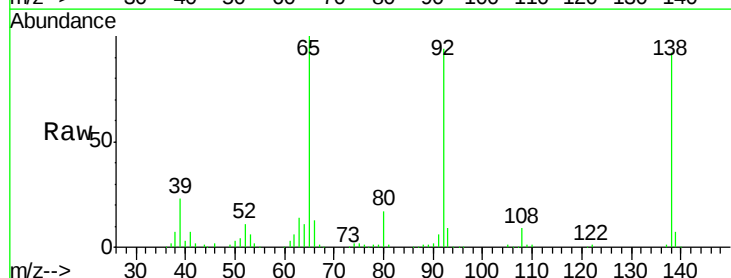
Tgt Ion:138 Resp: 152356

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

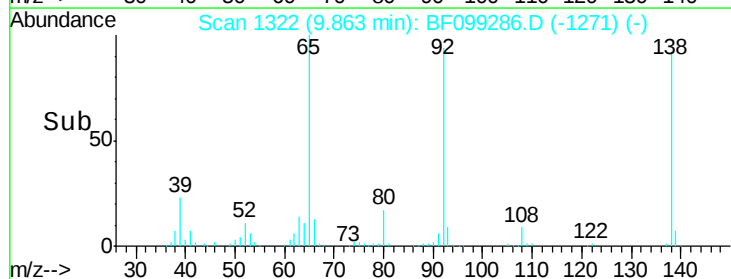
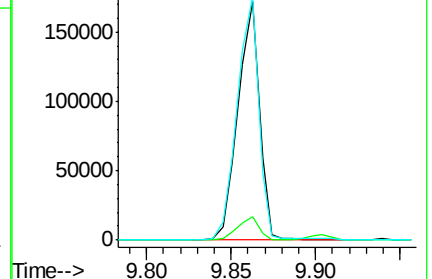
92 102.3 89.4 134.2

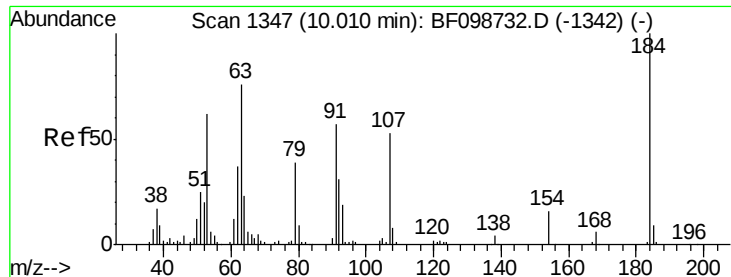


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

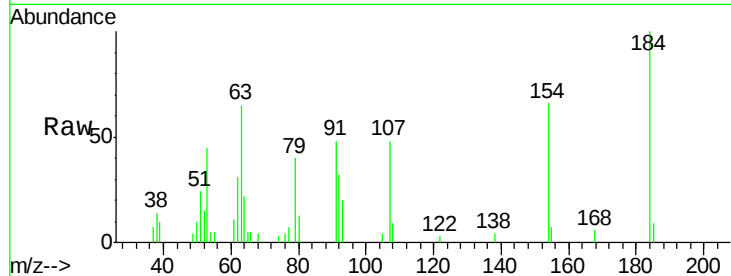




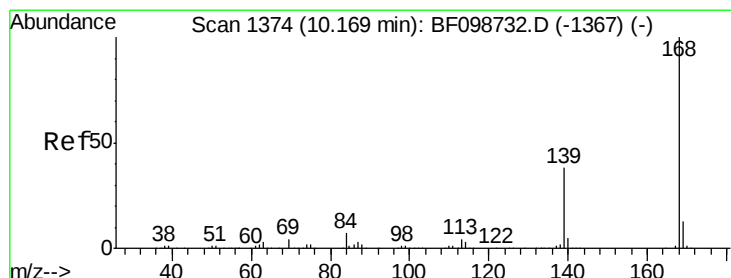
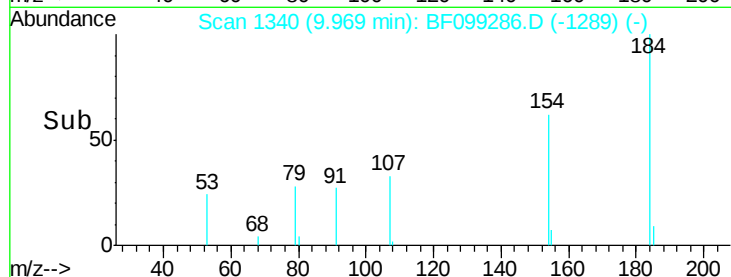
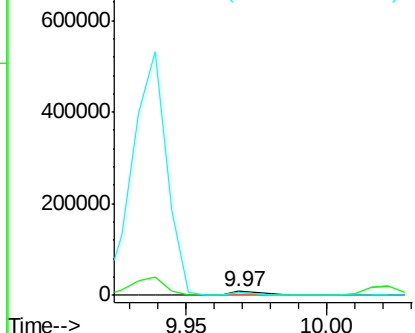
#53
2,4-Dinitrophenol
Concen: 11.06 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 9358
Ion Ratio Lower Upper
184 100
63 65.2 54.2 81.2
154 66.0 53.5 80.3

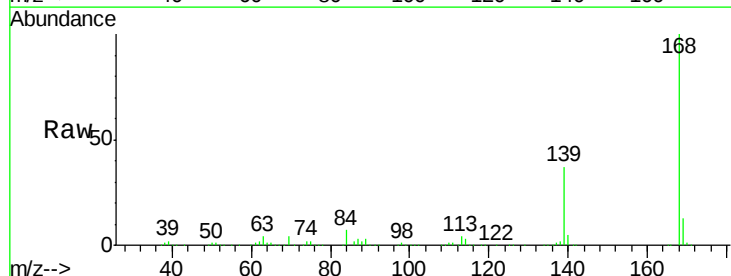


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

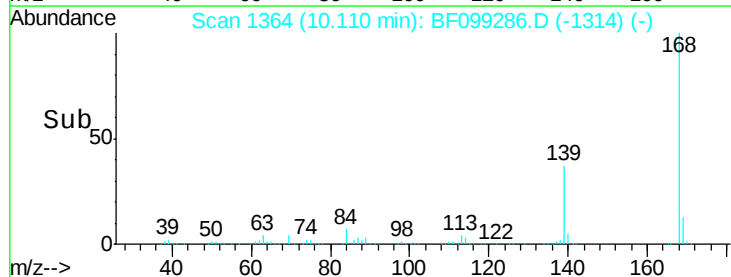
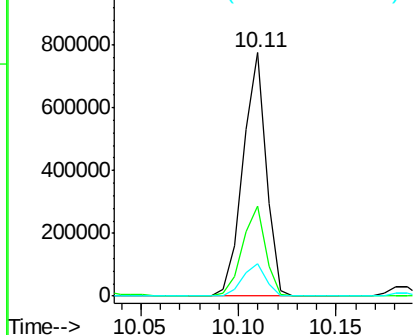


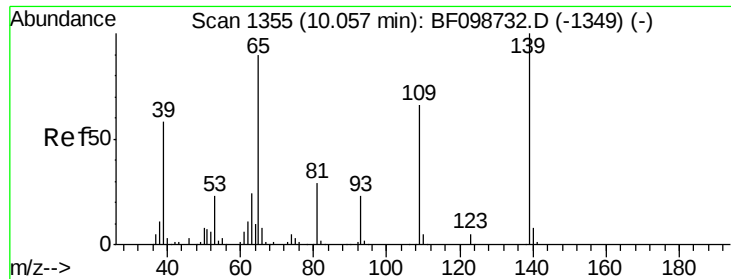
#54
Dibenzofuran
Concen: 39.49 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:168 Resp: 637571
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

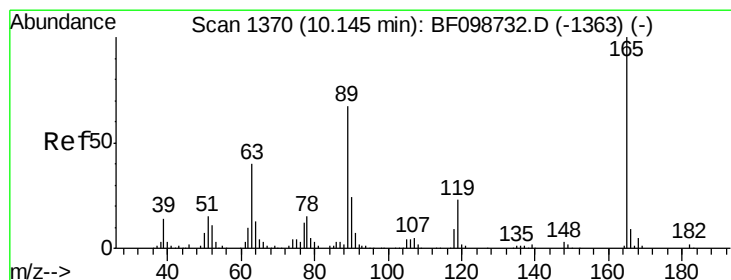
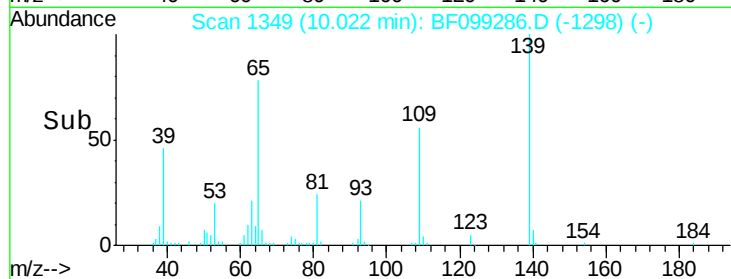
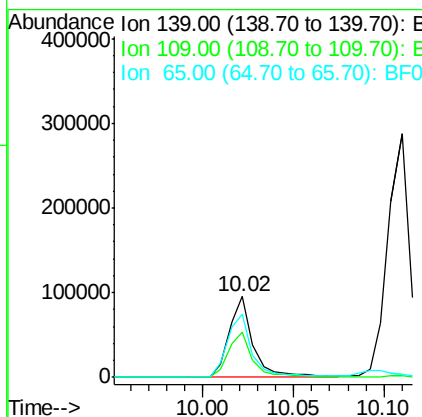
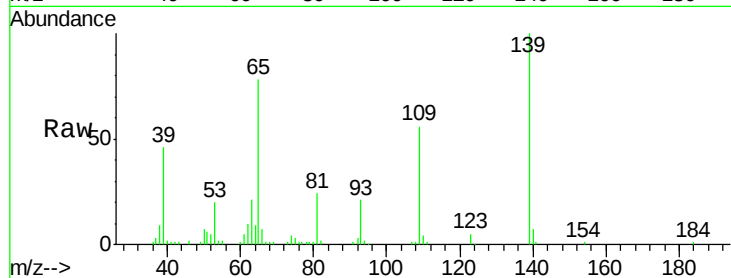




#55
4-Nitrophenol
Concen: 28.32 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

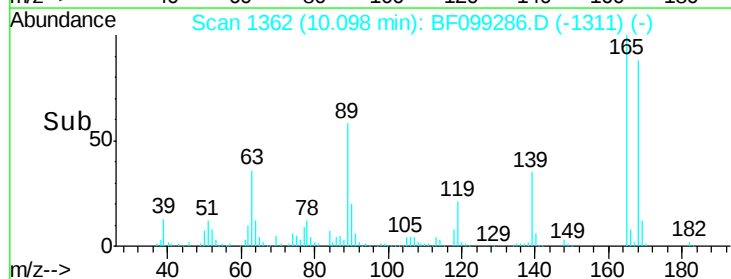
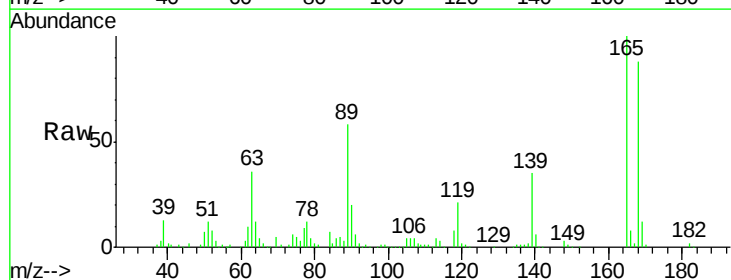
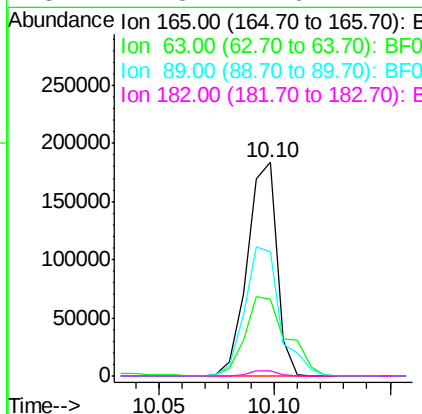
Instrument :
BNA_F
ClientSampled :

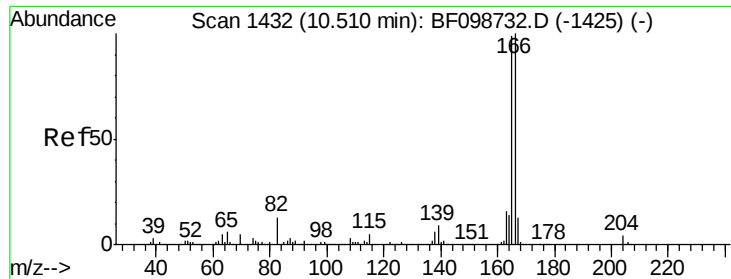
Tot Ion	Ratio	Lower	Upper
139	100		
109	56.5	48.4	88.4
65	77.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.10 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.8	36.4	54.6#
89	57.9	57.8	86.6
182	2.3	1.6	2.4

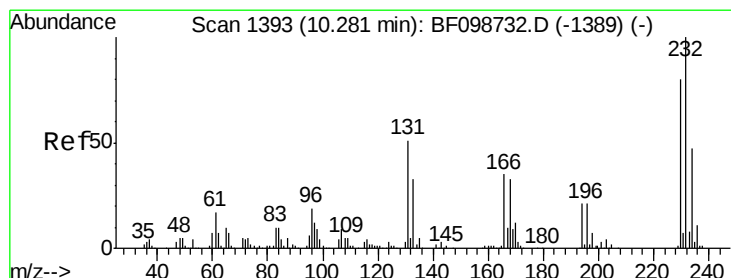
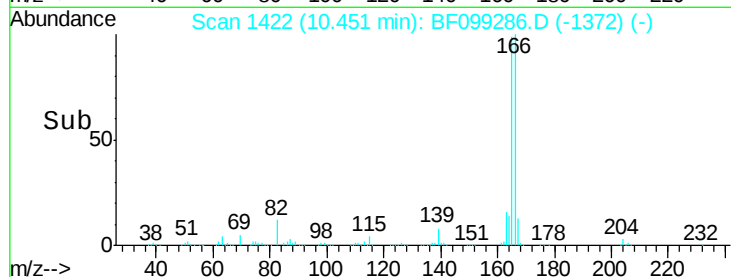
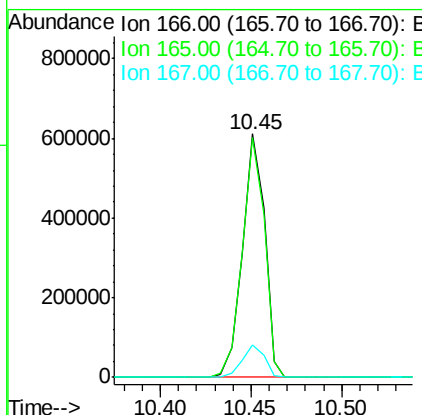
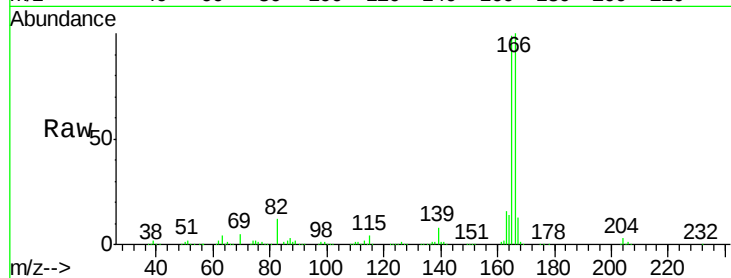




#57
 Fluorene
 Concen: 40.13 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

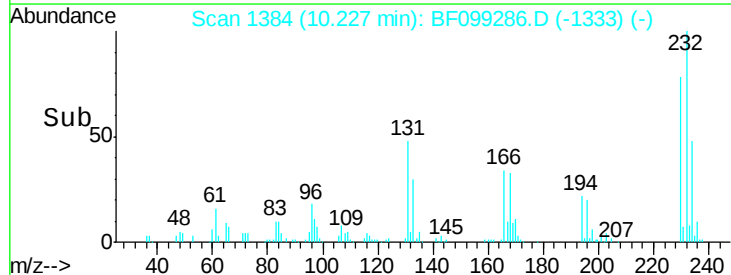
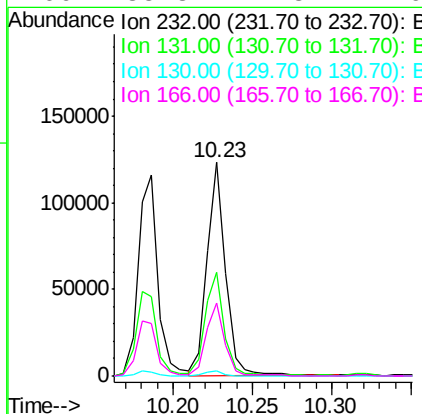
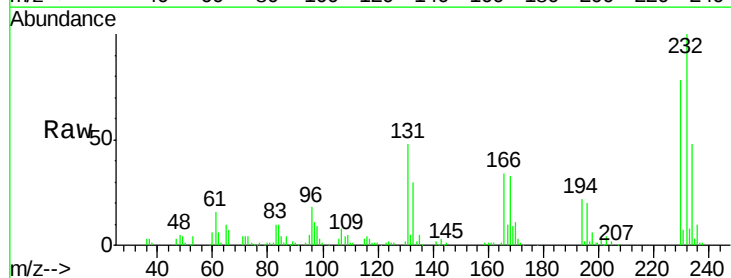
Instrument :
 BNA_F
 ClientSampleId :

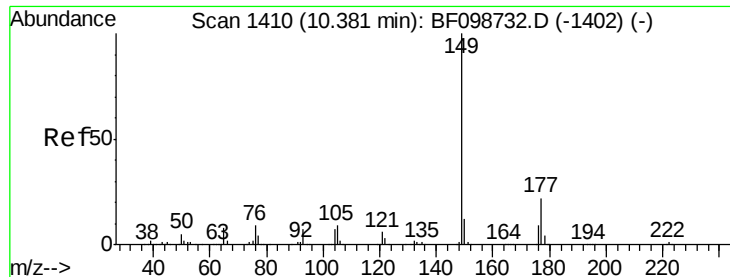
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.90 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.2	43.8	65.8
130	2.3	2.1	3.1
166	35.3	27.8	41.6

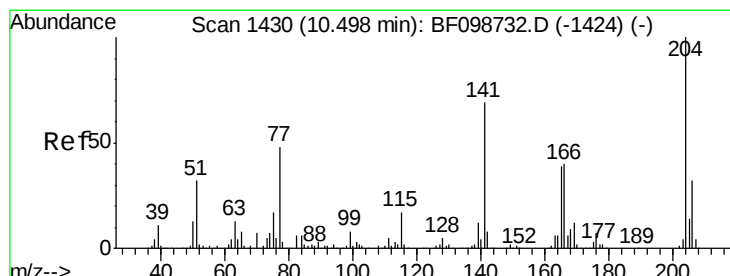
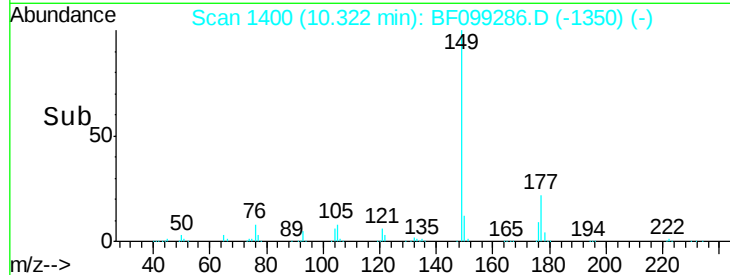
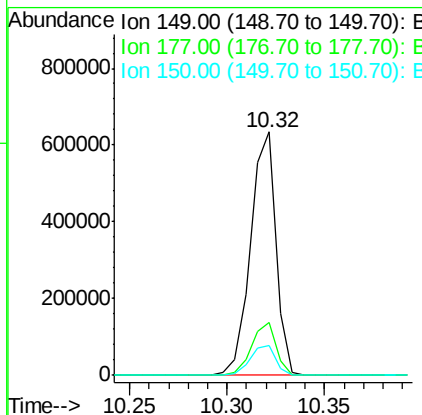
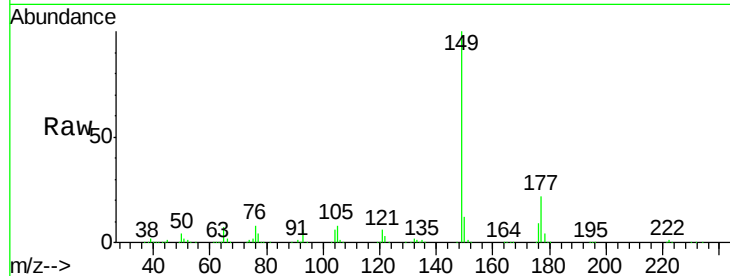




#59
Diethylphthalate
Concen: 39.90 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

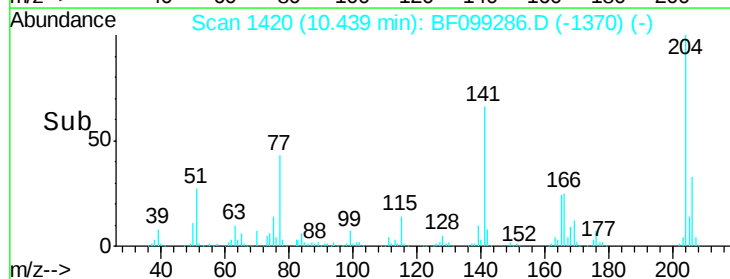
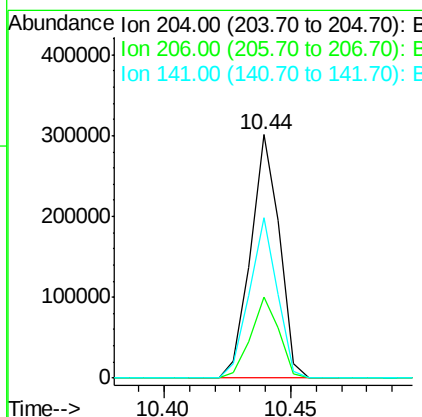
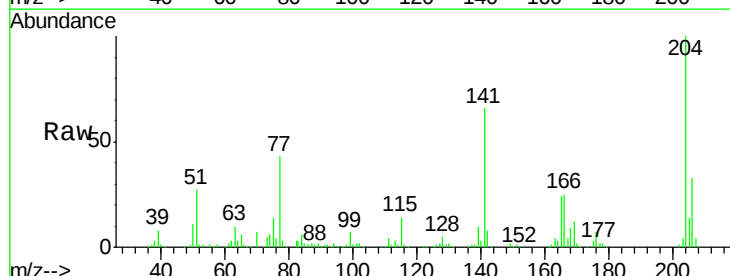
Instrument :
BNA_F
ClientSampleId :

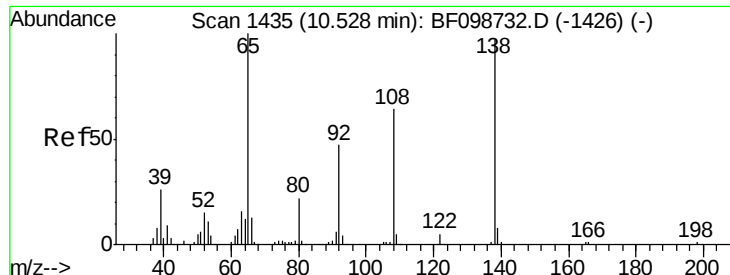
Tot Ion:149 Resp: 570125
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.78 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:204 Resp: 237708
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.7 54.6 81.8

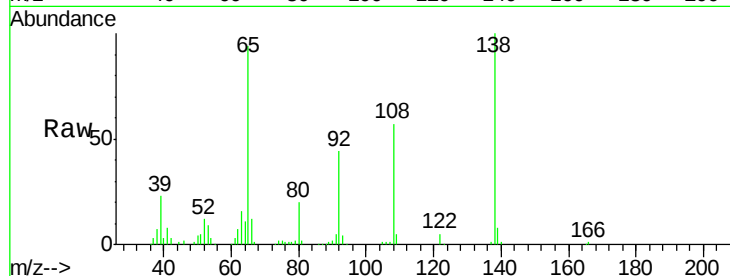




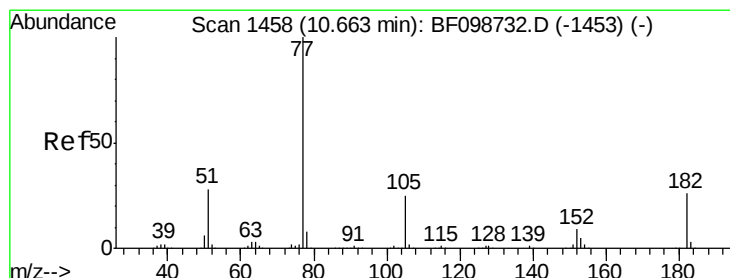
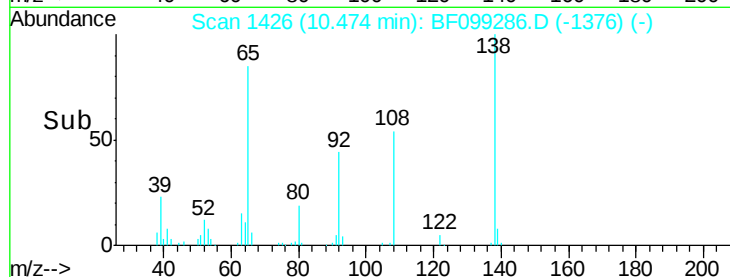
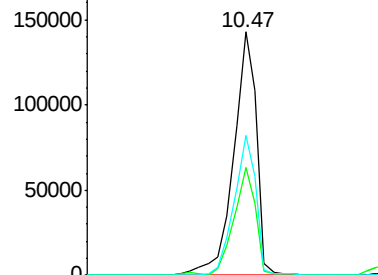
#61
4-Nitroaniline
Concen: 40.54 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 145197
Ion Ratio Lower Upper
138 100
92 44.2 30.2 70.2
108 57.4 52.5 92.5

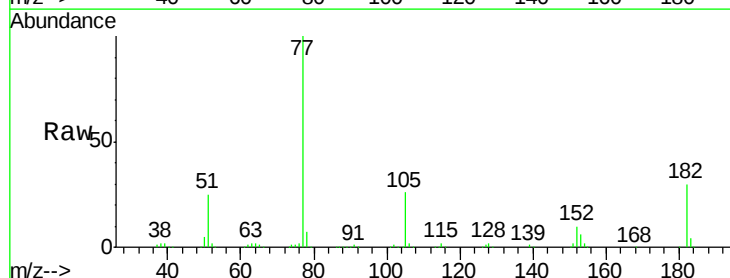


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

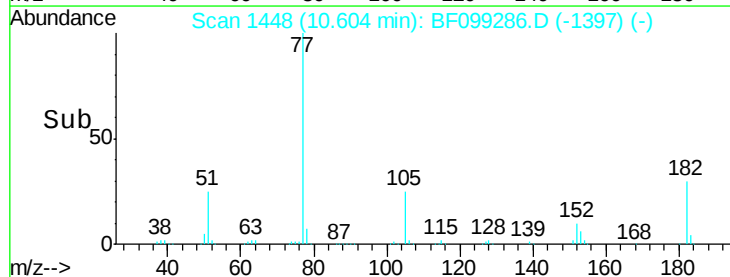
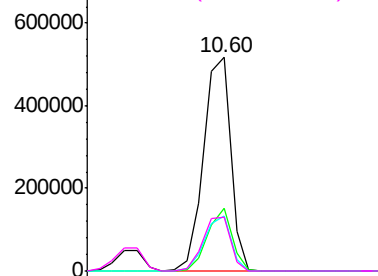


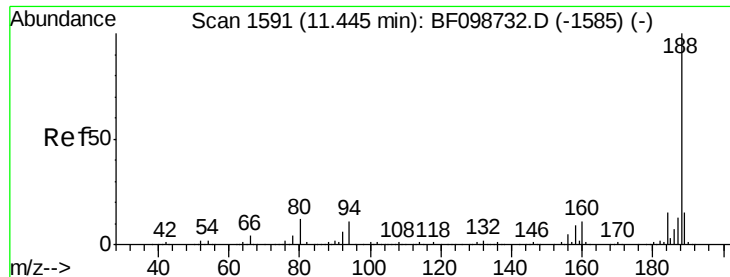
#62
Azobenzene
Concen: 34.72 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion: 77 Resp: 456184
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 26.1 3.0 43.0
51 25.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

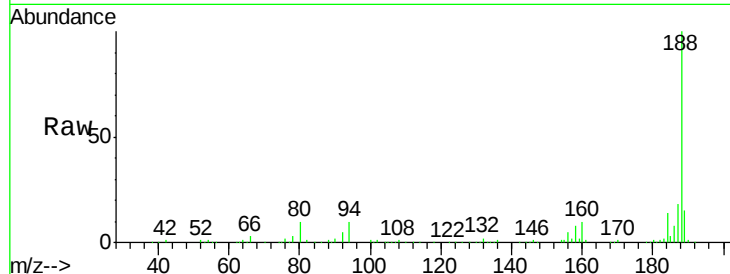




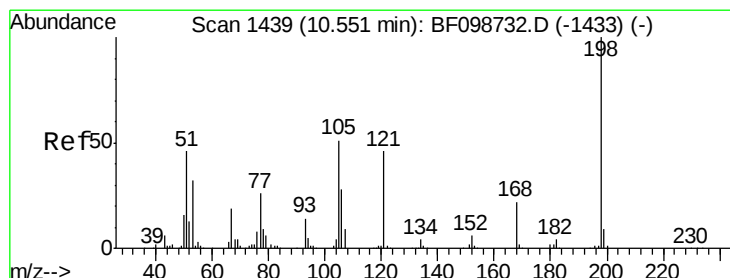
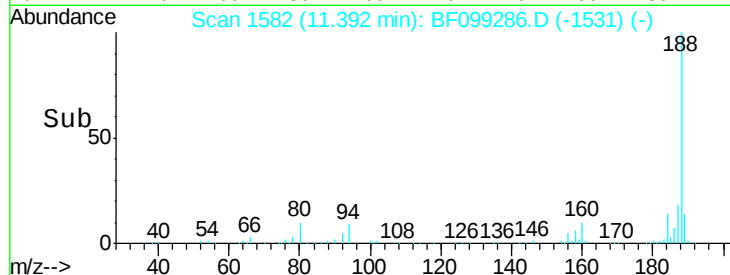
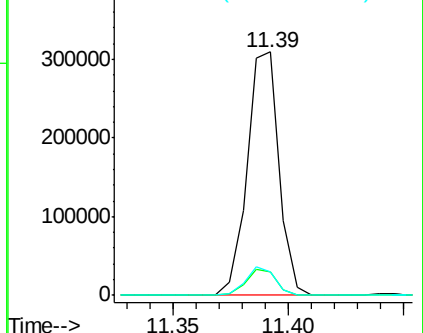
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 297388
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.6 9.2 13.8

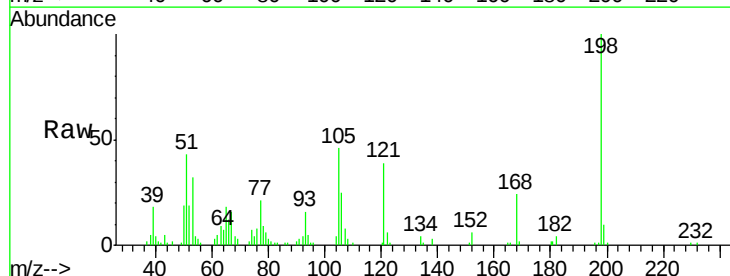


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

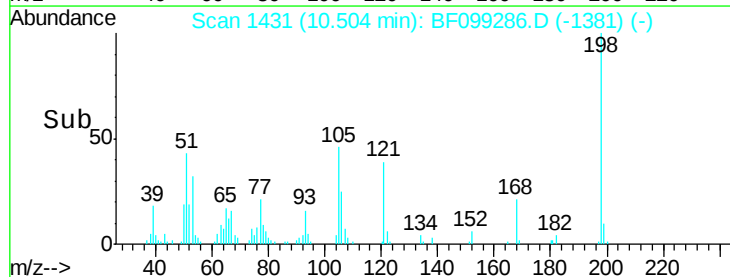
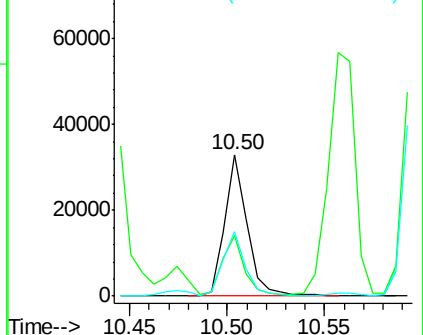


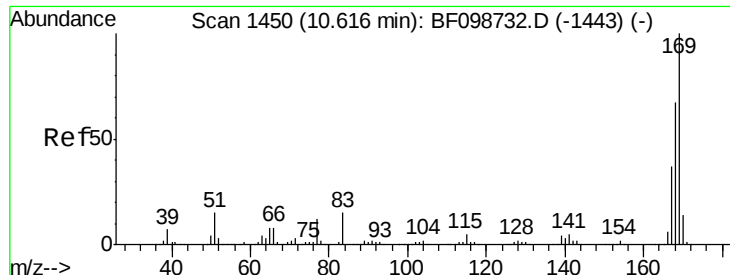
#64
4,6-Dinitro-2-methylphenol
Concen: 14.54 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:198 Resp: 26315
Ion Ratio Lower Upper
198 100
51 42.6 37.7 77.7
105 45.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

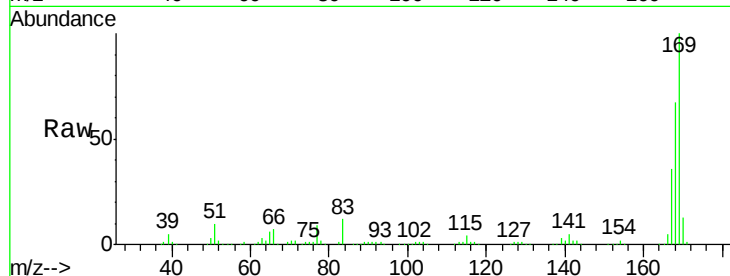




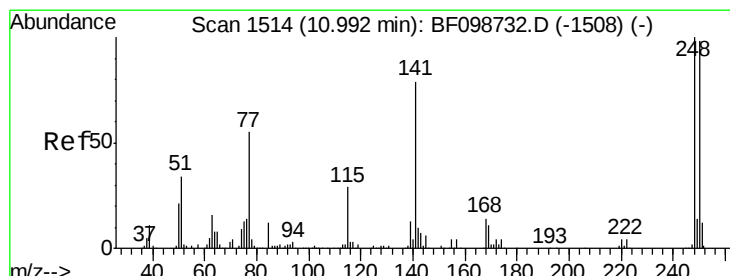
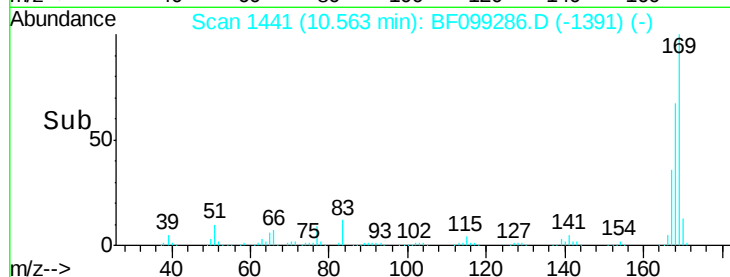
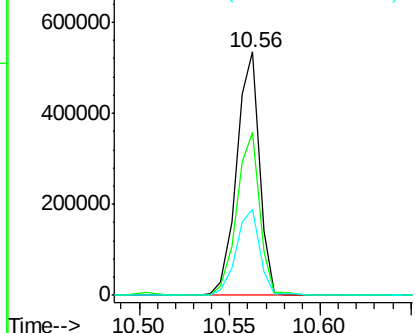
#65
 n-Nitrosodiphenylamine
 Concen: 45.21 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 465822
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 35.6 29.8 44.6

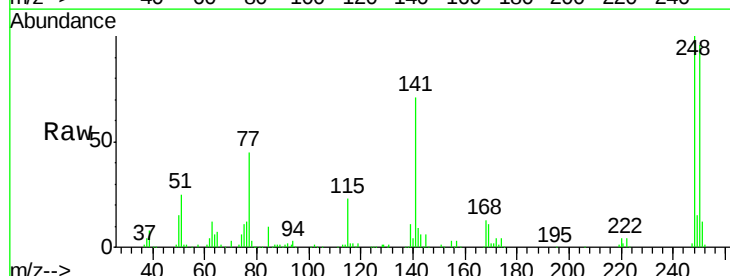


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

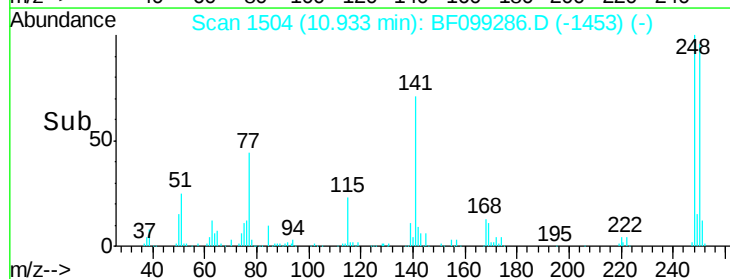
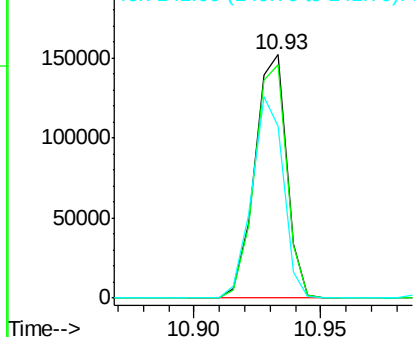


#66
 4-Bromophenyl-phenylether
 Concen: 45.95 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:248 Resp: 133766
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 70.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

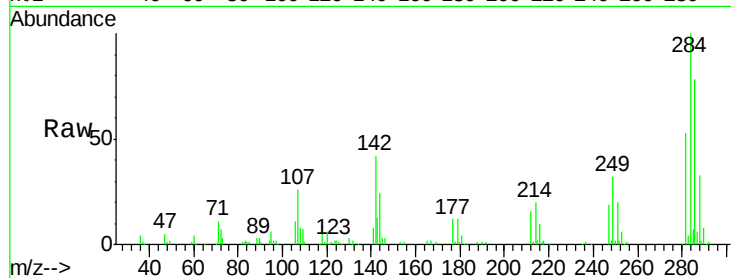




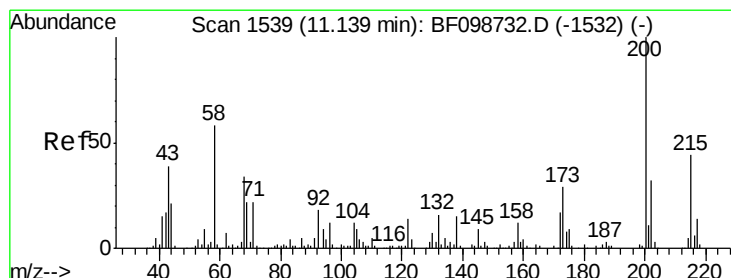
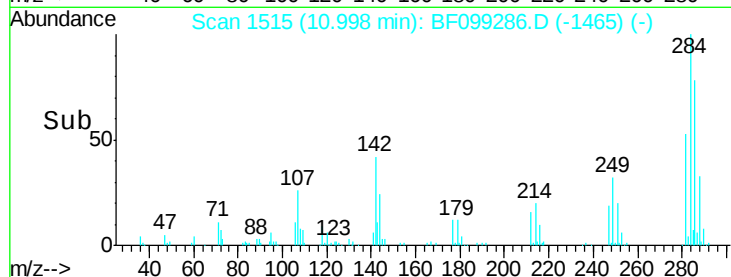
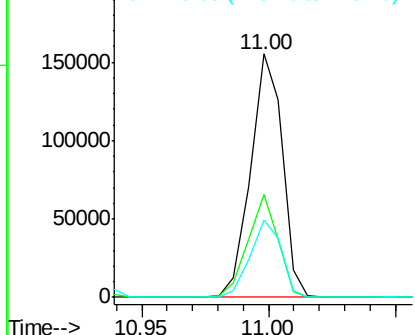
#67
Hexachlorobenzene
Concen: 43.53 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 135327
Ion Ratio Lower Upper
284 100
142 42.2 34.6 52.0
249 31.8 24.8 37.2

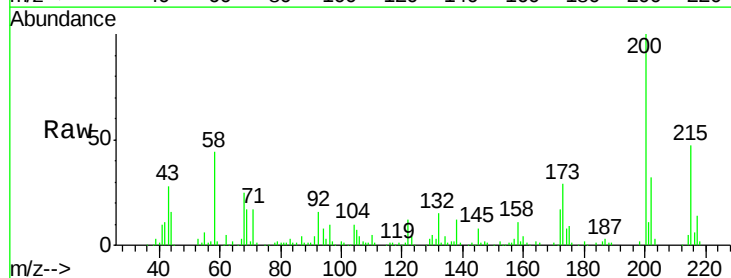


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

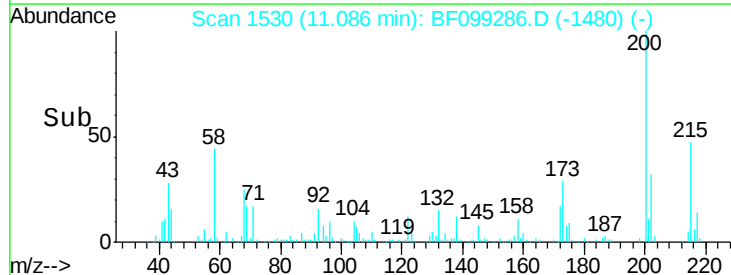
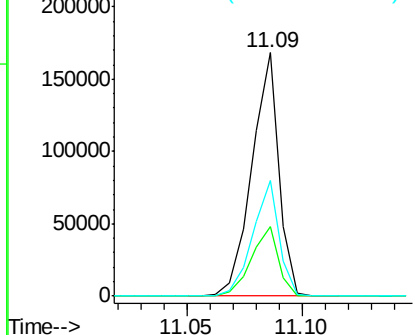


#68
Atrazine
Concen: 44.35 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:200 Resp: 137472
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 47.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

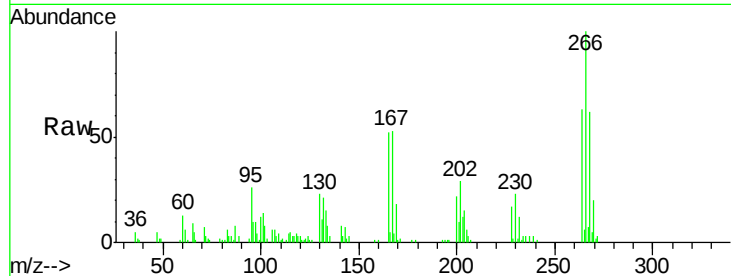




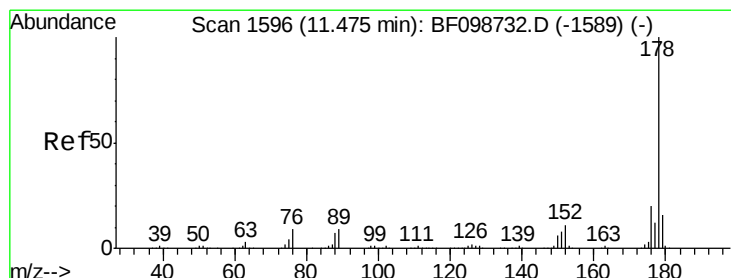
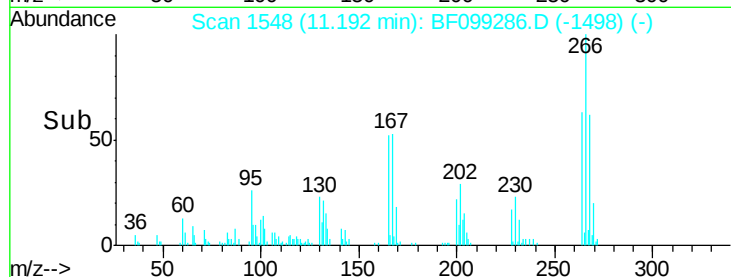
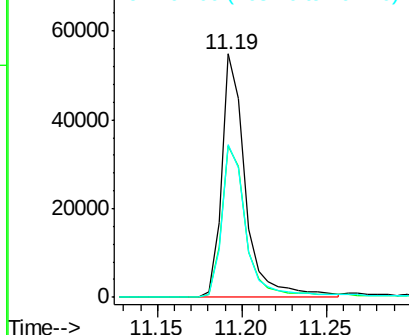
#69
 Pentachlorophenol
 Concen: 27.83 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 53844
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.0 49.5 74.3

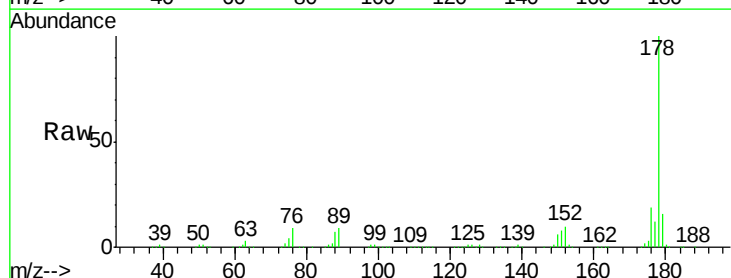


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

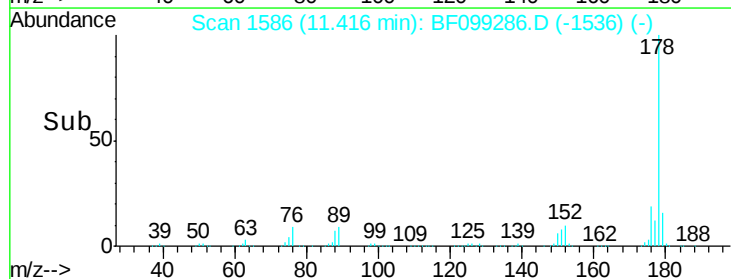
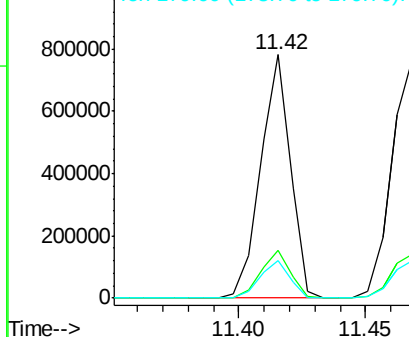


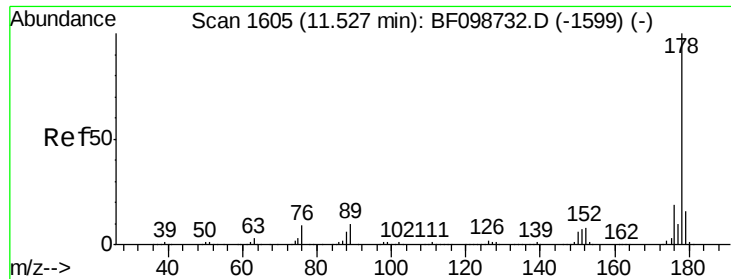
#70
 Phenanthrene
 Concen: 40.48 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:178 Resp: 644378
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

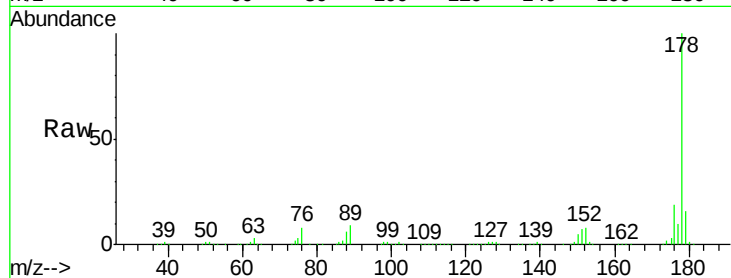




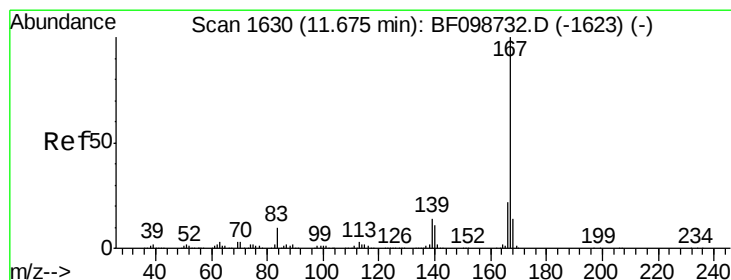
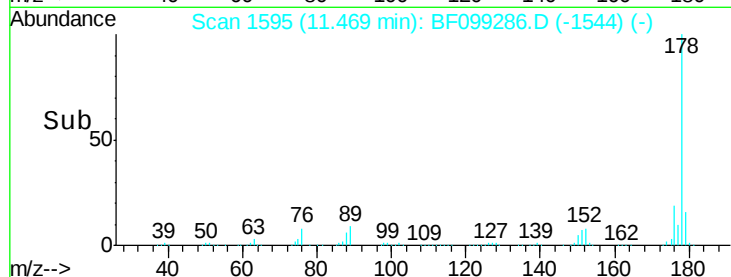
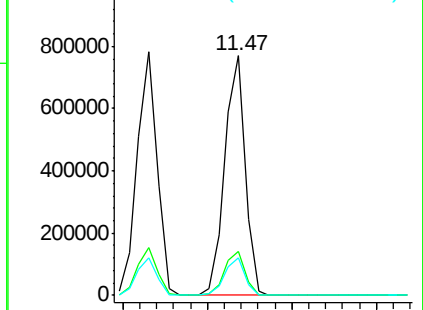
#71
 Anthracene
 Concen: 40.00 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 651465
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.6 12.6 19.0

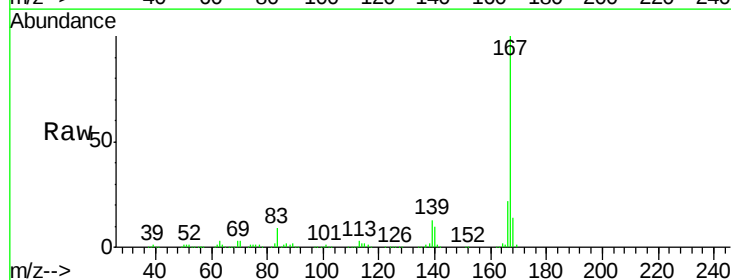


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

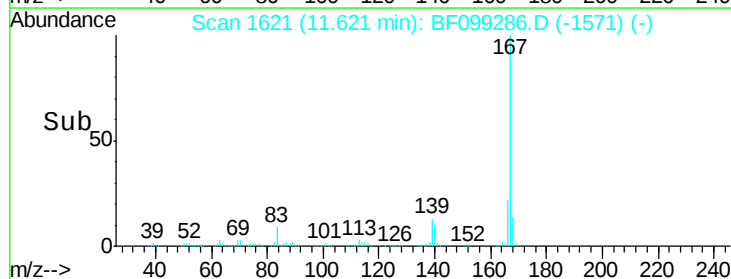
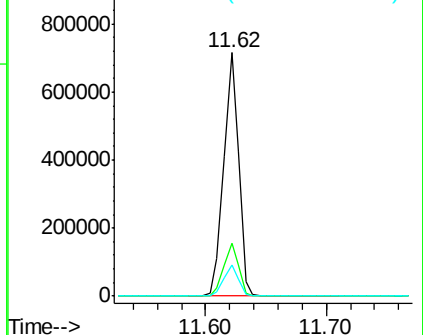


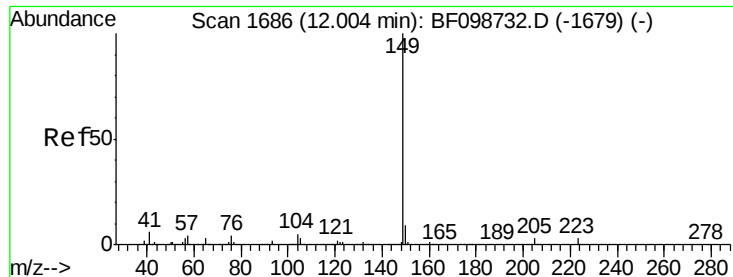
#72
 Carbazole
 Concen: 38.33 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:167 Resp: 611321
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

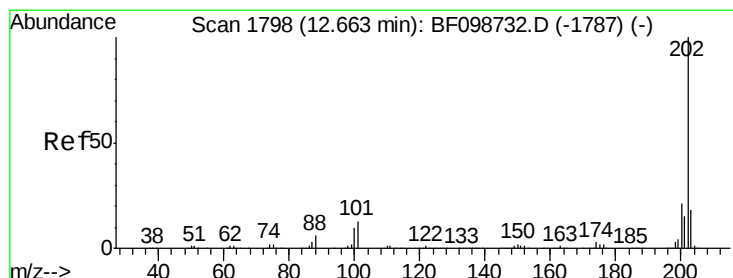
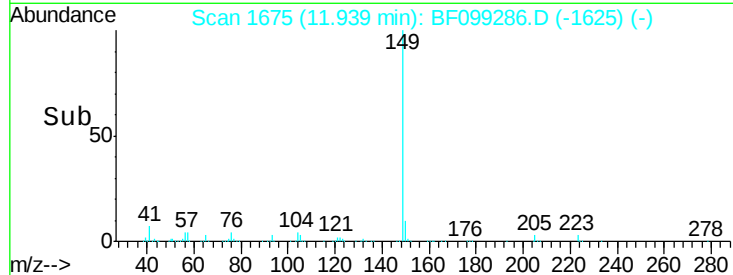
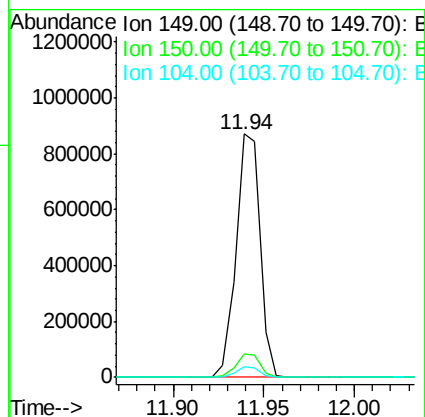
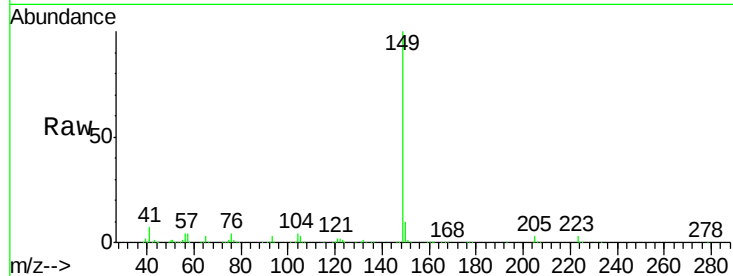




#73
Di-n-butylphthalate
Concen: 41.73 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

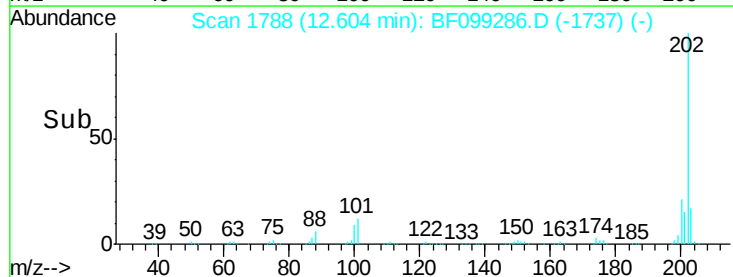
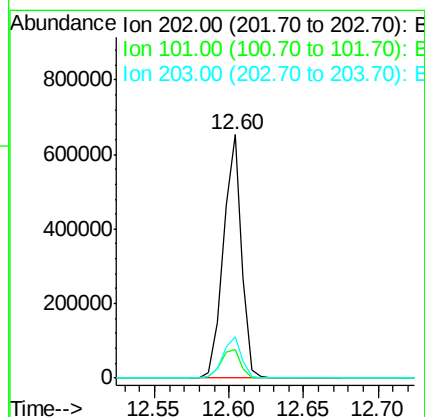
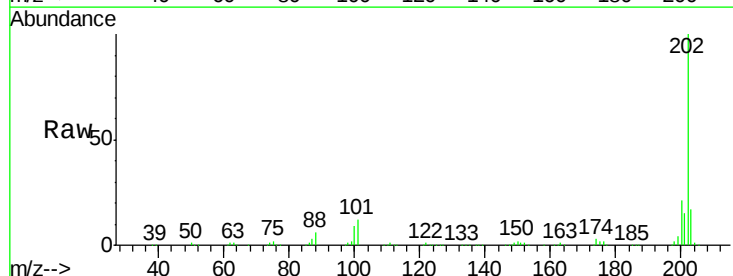
Instrument :
BNA_F
ClientSampled :

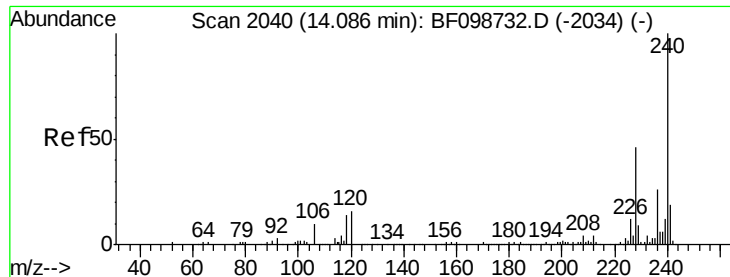
Tot Ion:149 Resp: 801198
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 34.67 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:202 Resp: 558815
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.1 0.0 38.1

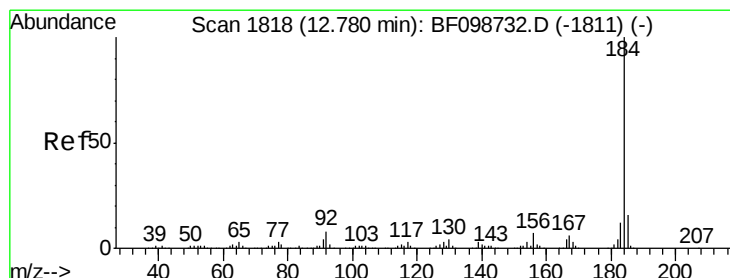
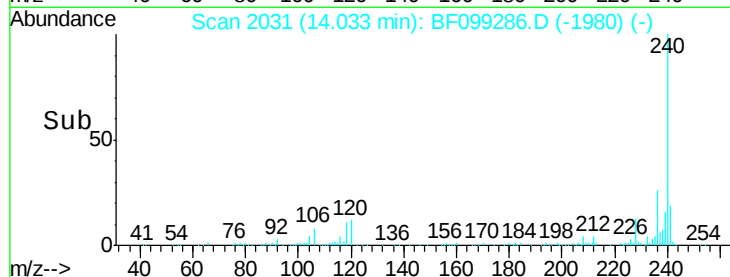
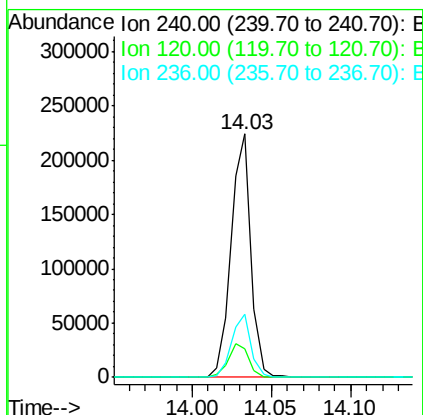
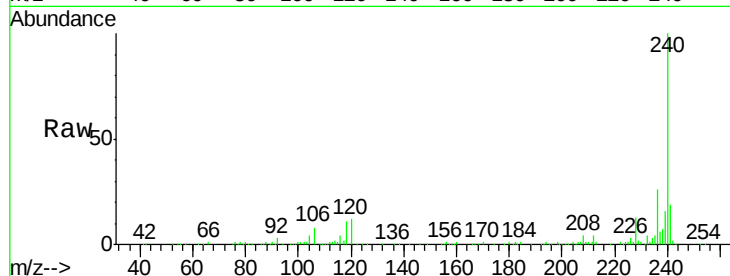




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

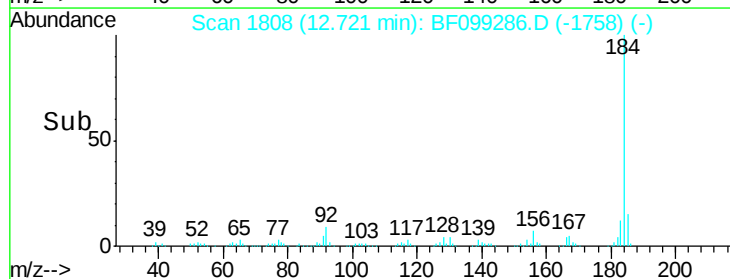
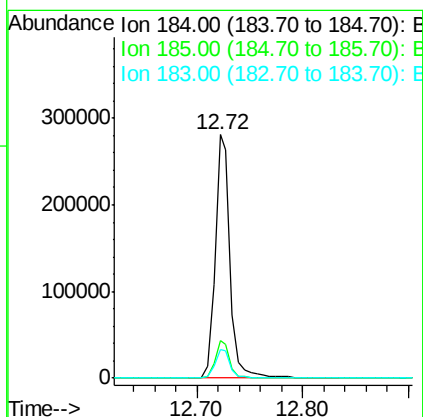
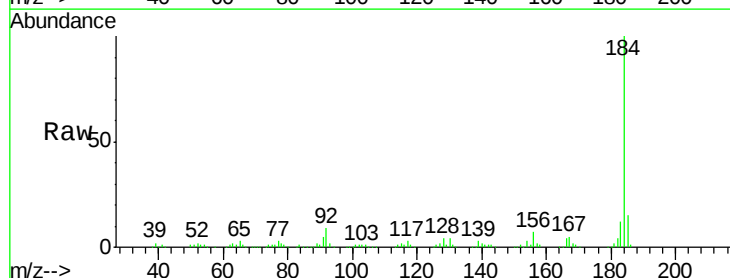
Instrument :
 BNA_F
 ClientSampleId :

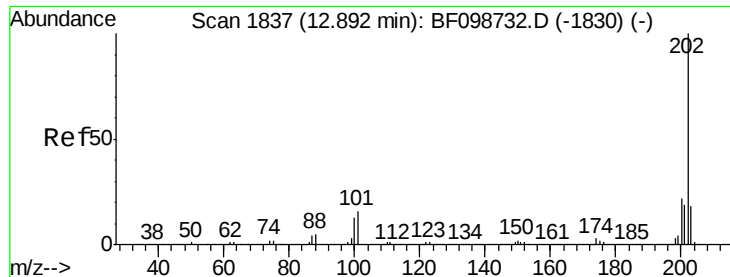
Tot Ion:240 Resp: 193773
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 25.9 20.7 31.1



#76
 Benzidine
 Concen: 39.37 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:184 Resp: 282135
 Ion Ratio Lower Upper
 184 100
 185 15.4 12.6 18.8
 183 11.9 9.3 13.9

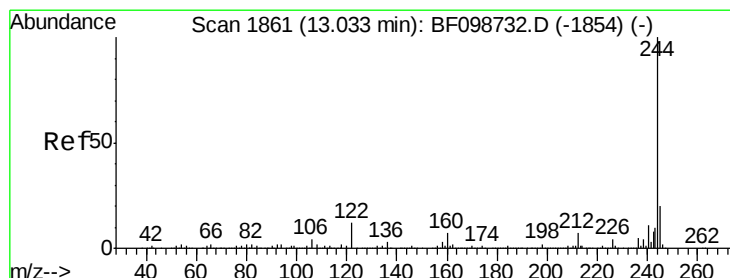
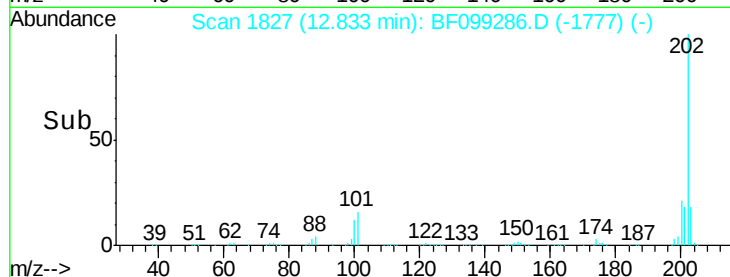
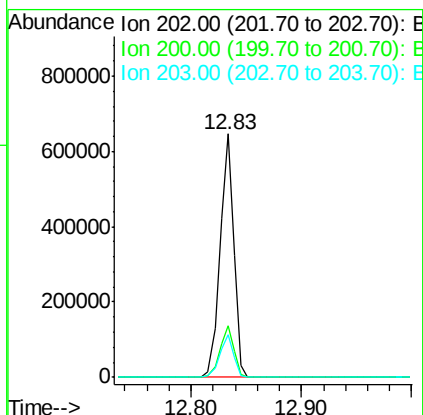
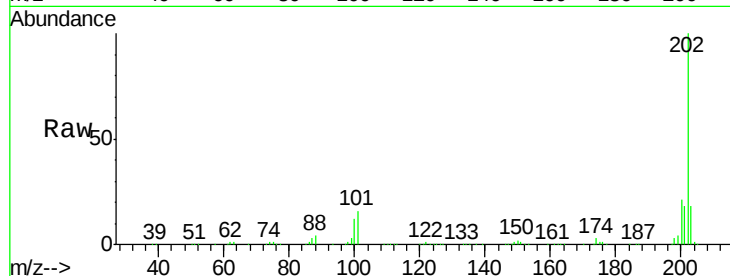




#77
Pvrene
Concen: 37.87 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

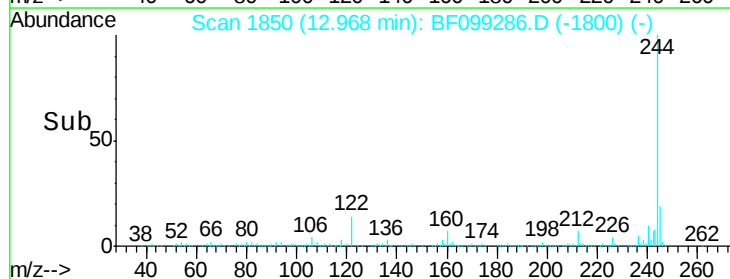
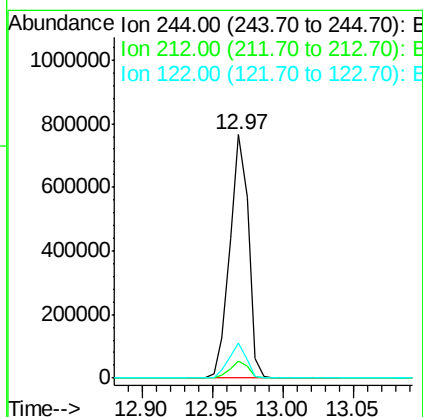
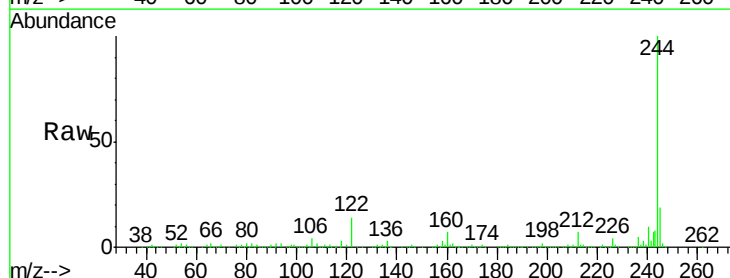
Instrument :
BNA_F
ClientSampleId :

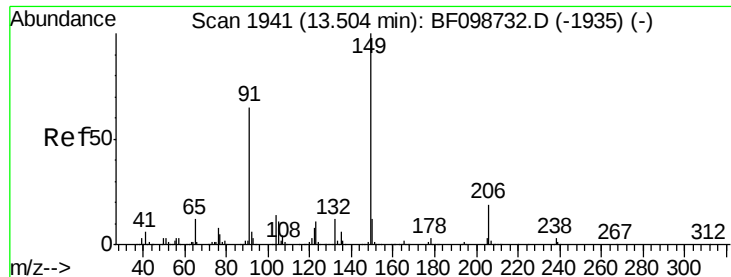
Tot Ion:202 Resp: 559496
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 82.37 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:244 Resp: 701797
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 14.1 11.0 16.4

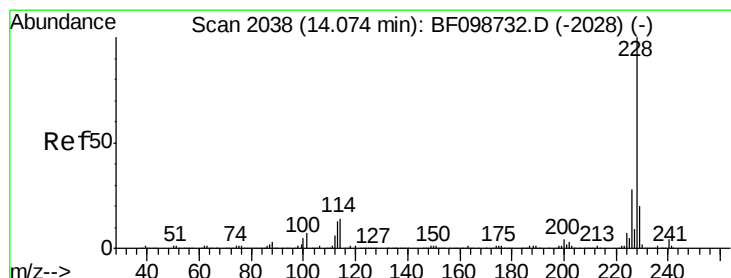
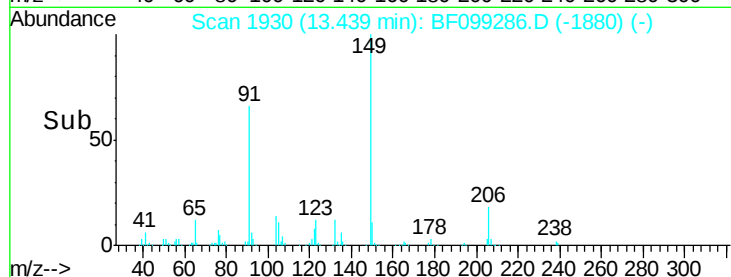
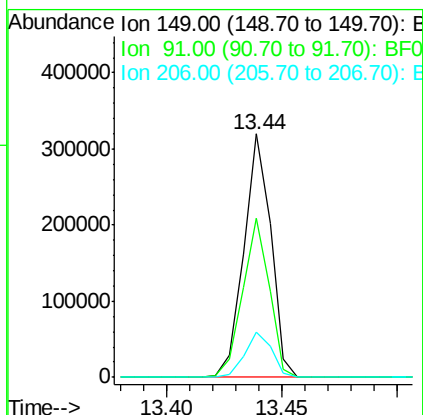
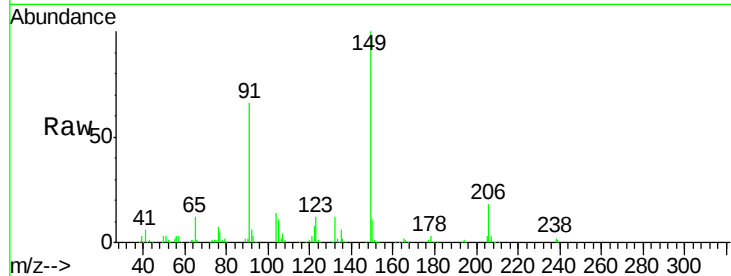




#79
Butylbenzylphthalate
Concen: 37.66 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

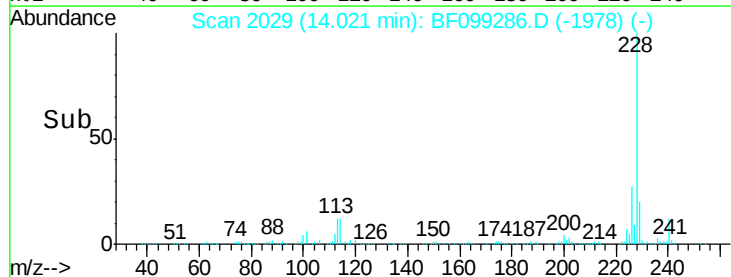
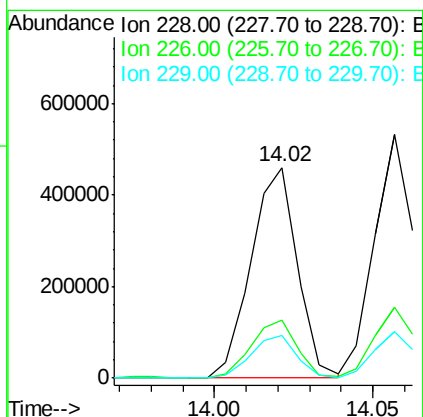
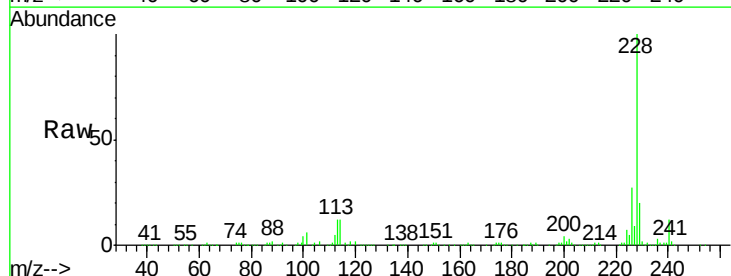
Instrument :
BNA_F
ClientSampleId :

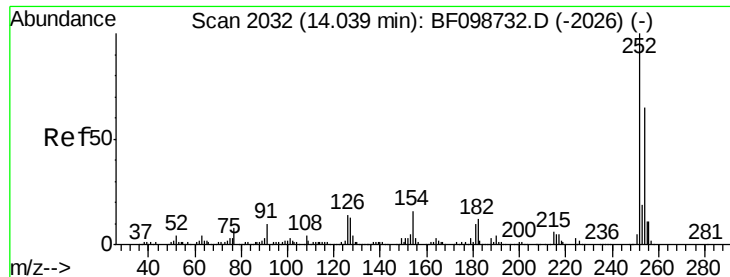
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.93 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.0	15.8	23.6

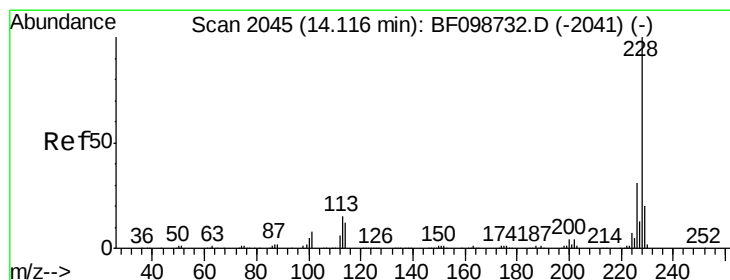
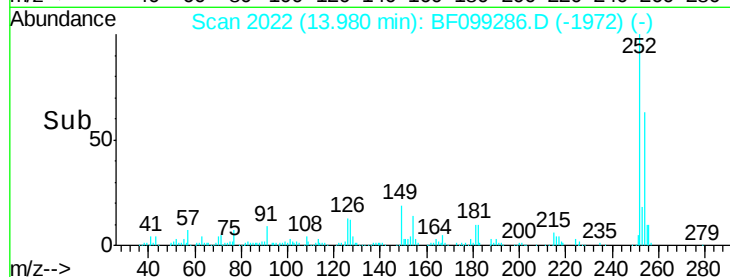
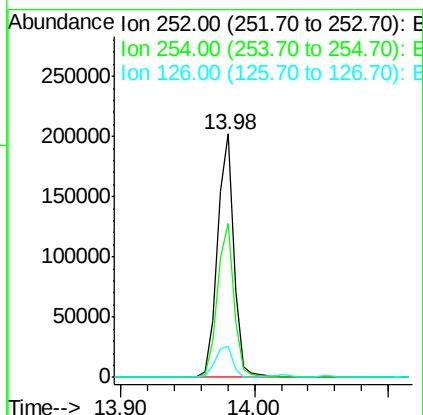
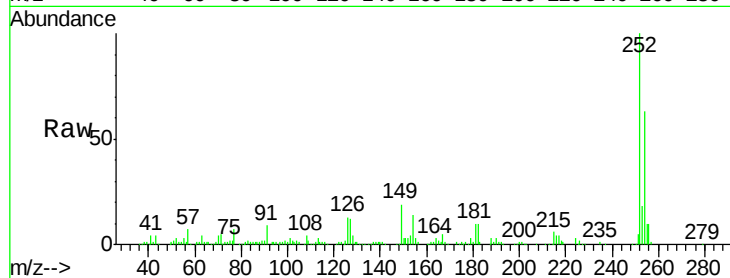




#81
 3,3'-Dichlorobenzidine
 Concen: 41.19 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

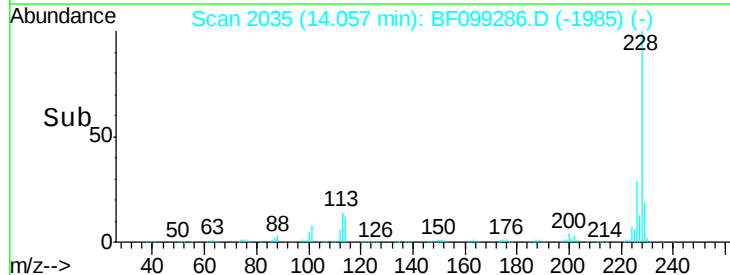
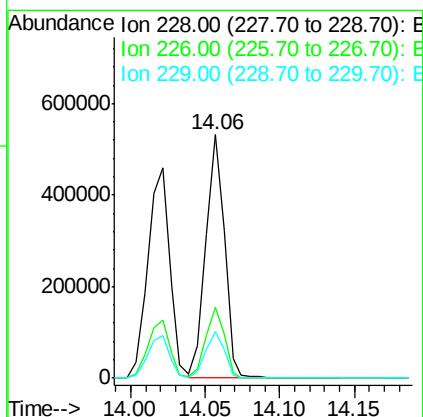
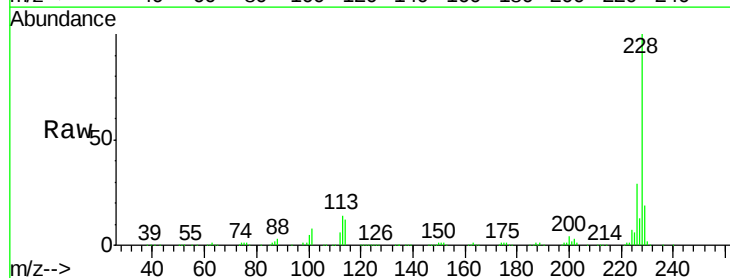
Instrument :
 BNA_F
 ClientSampled :

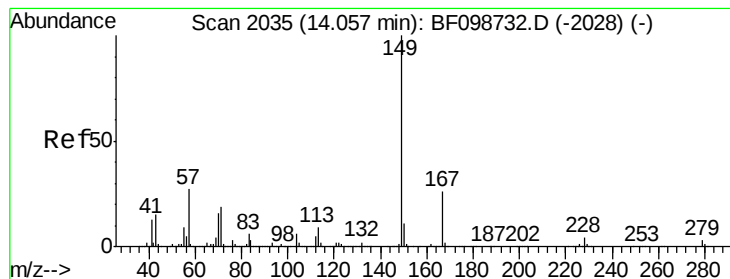
Tot Ion:252 Resp: 177165
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 12.6 11.3 16.9



#82
 Chrysene
 Concen: 41.00 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Tgt Ion:228 Resp: 458052
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.0 37.6
 229 19.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.01 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

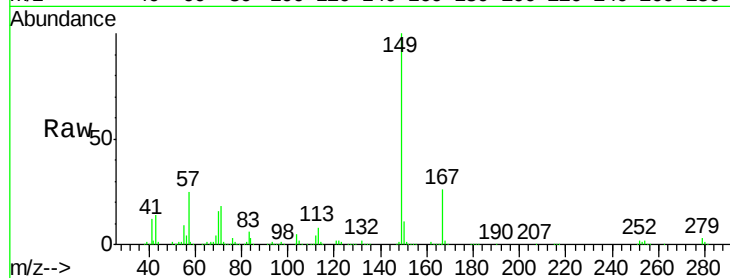
Tot Ion:149 Resp: 353846

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

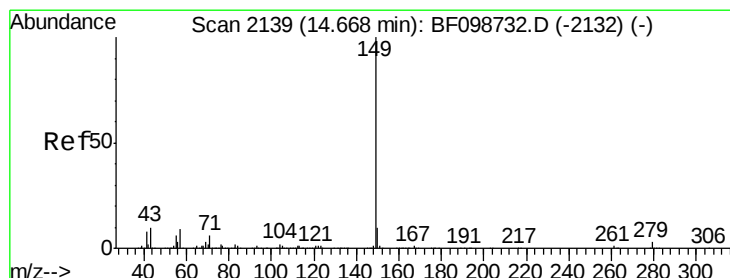
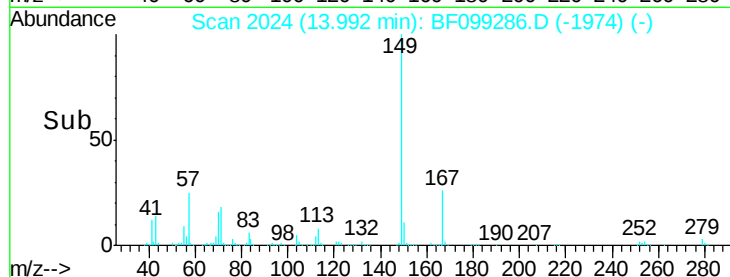
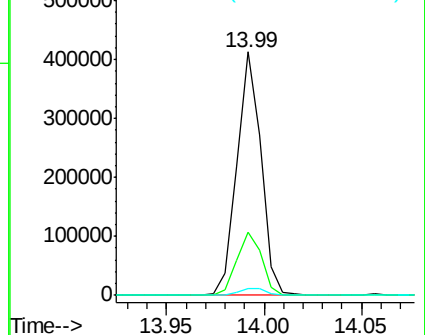
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.82 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

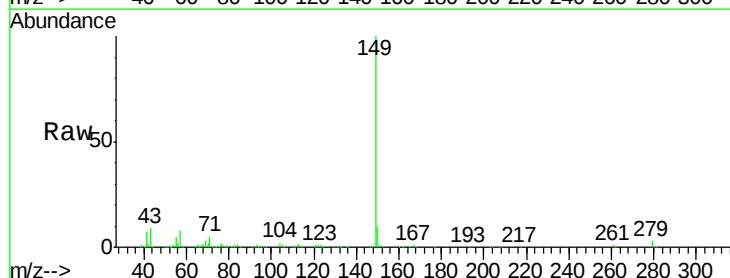
Tgt Ion:149 Resp: 613049

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

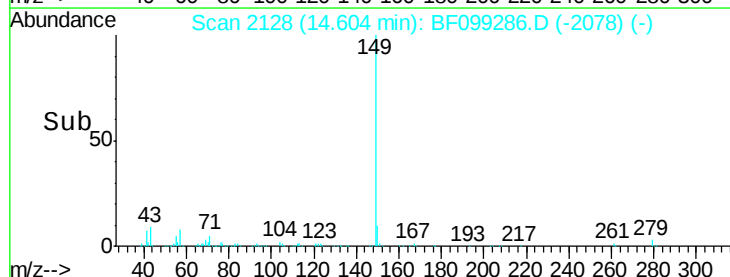
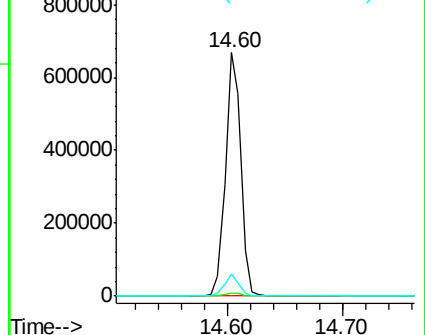
43 8.3 8.4 12.6#

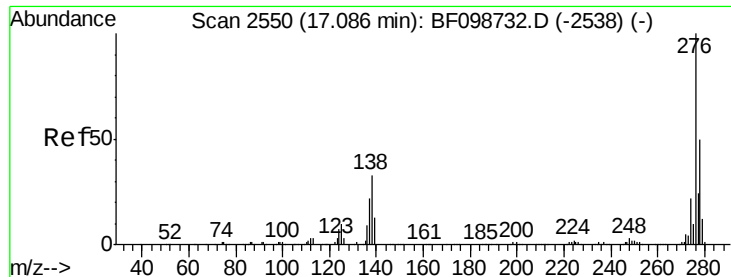


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

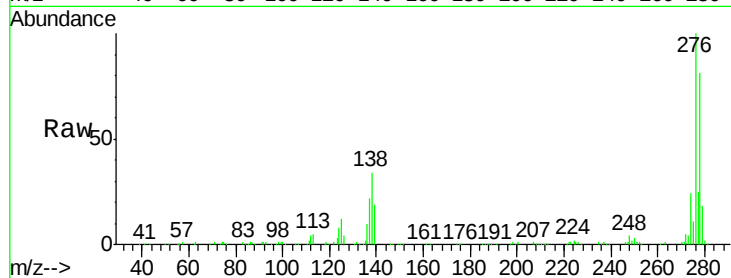




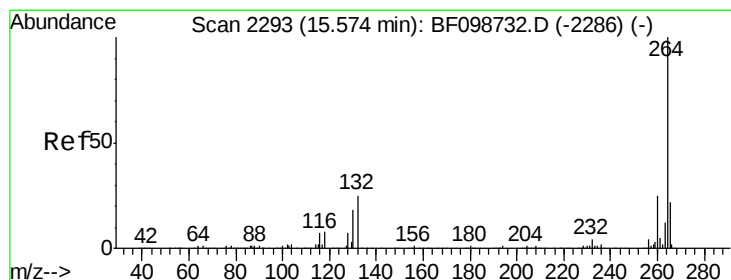
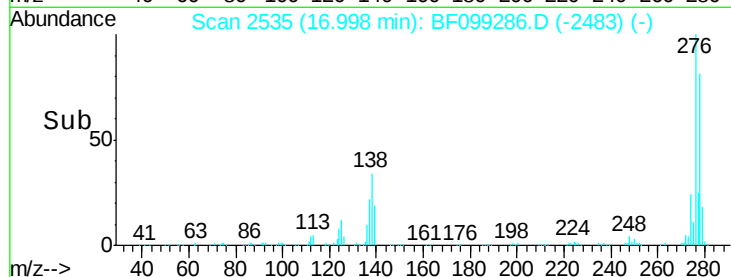
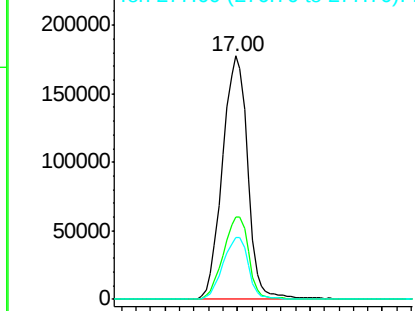
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.31 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 431718
Ion Ratio Lower Upper
276 100
138 34.1 25.0 37.6
277 25.6 20.1 30.1

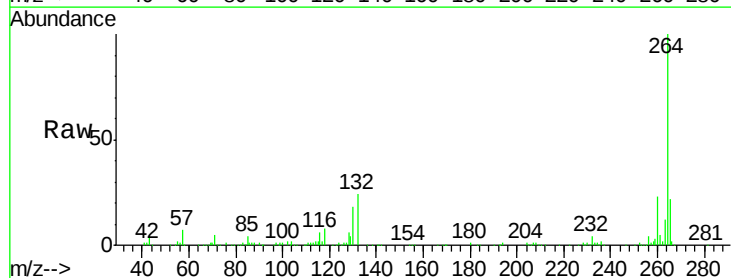


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

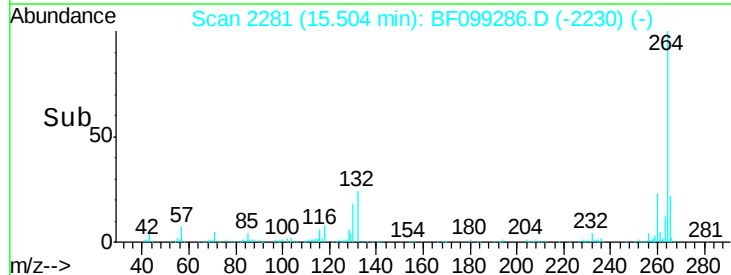
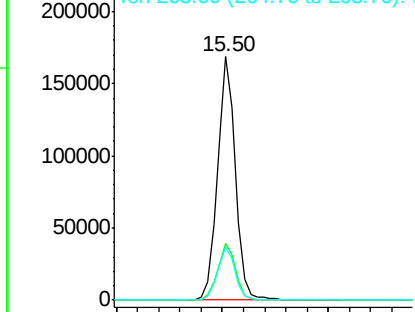


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:264 Resp: 201560
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

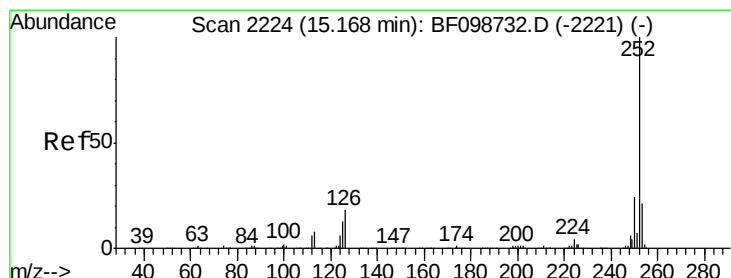
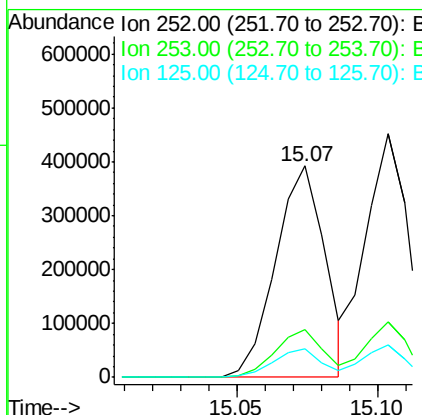
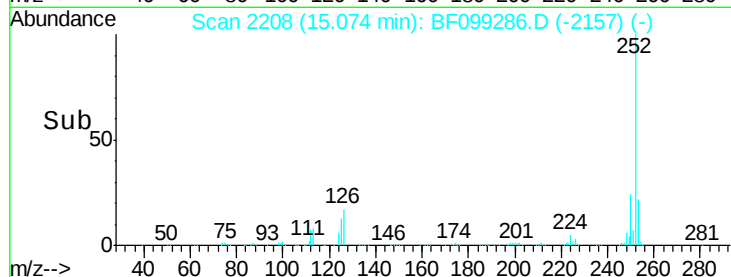
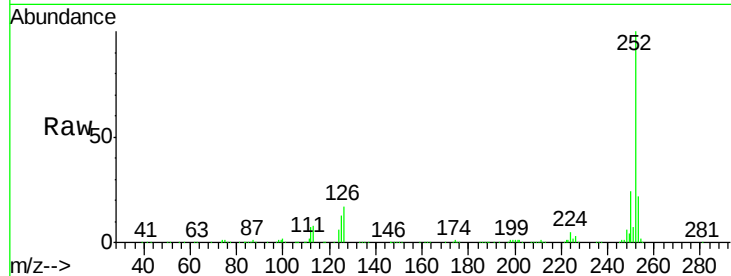




#87
Benzo(b)fluoranthene
Concen: 38.37 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

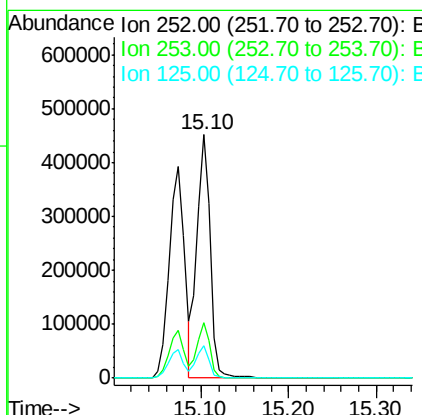
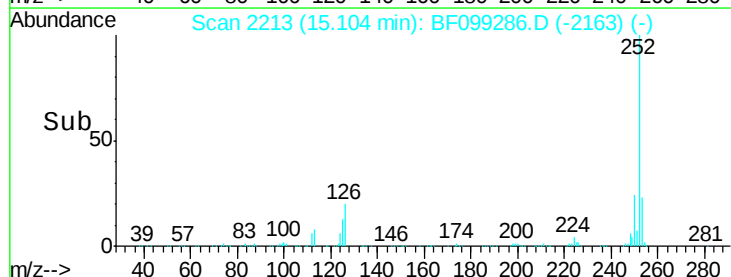
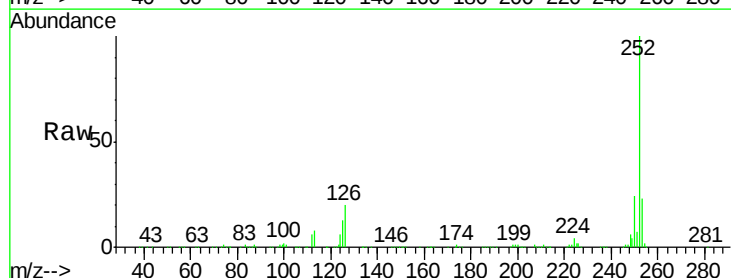
Instrument :
BNA_F
ClientSampleId :

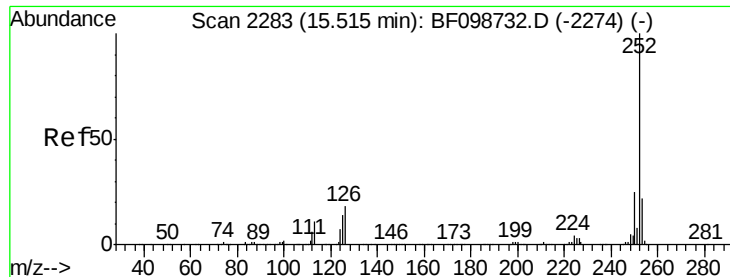
Tot Ion:252 Resp: 475451
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.50 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099286.D
Acq: 10 Oct 2017 2:56

Tgt Ion:252 Resp: 483447
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.97 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

Instrument :

BNA_F

ClientSampleId :

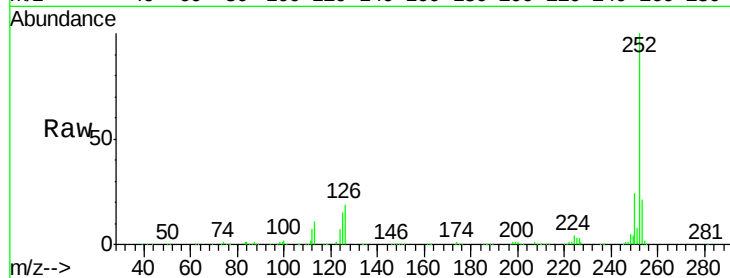
Tot Ion:252 Resp: 454735

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

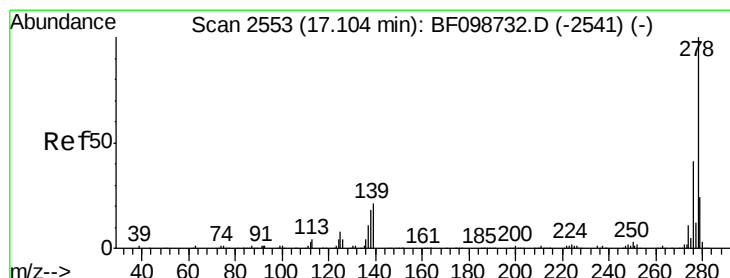
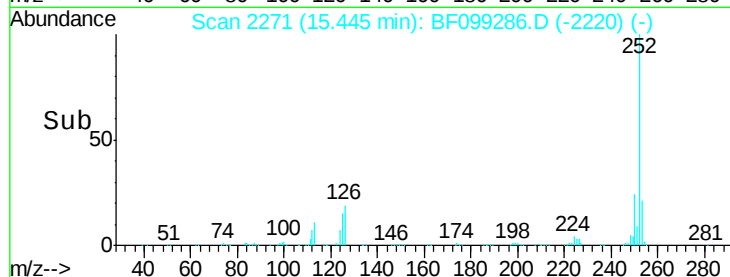
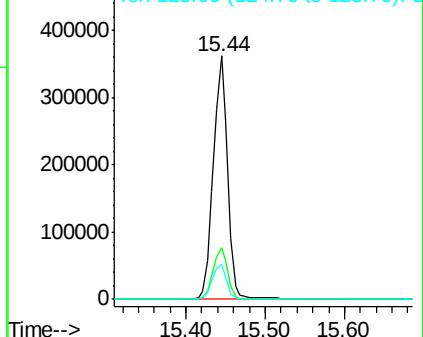
125 14.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.38 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF099286.D

Acq: 10 Oct 2017 2:56

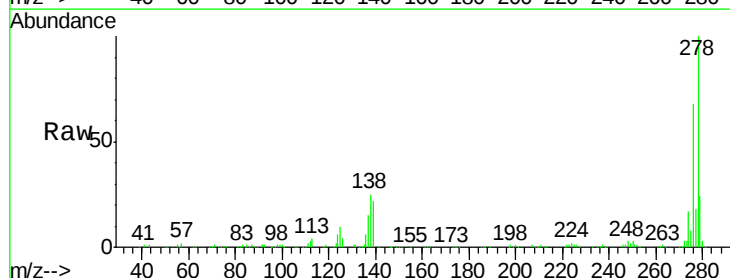
Tgt Ion:278 Resp: 367621

Ion Ratio Lower Upper

278 100

139 22.4 15.9 23.9

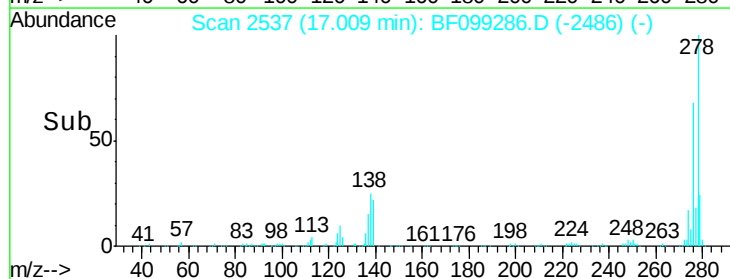
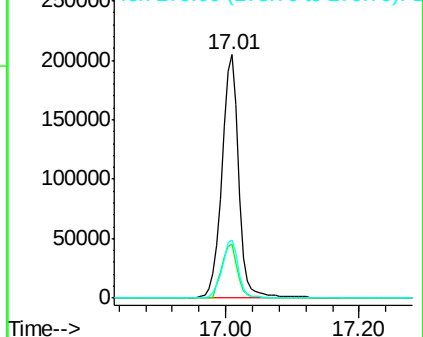
279 24.0 19.0 28.4

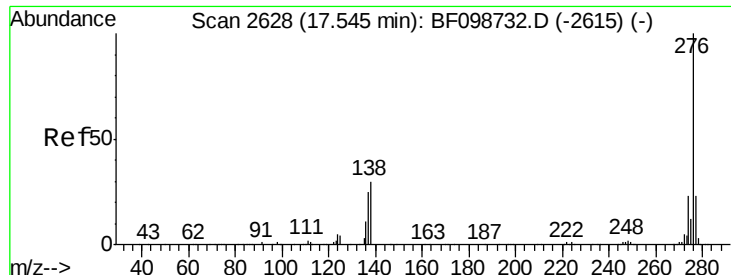


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.40 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099286.D
 Acq: 10 Oct 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.9	17.9	26.9	
138	29.8	21.8	32.8	

